

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111623\
 Data File : VN080139.D
 Acq On : 16 Nov 2023 17:34
 Operator : JC\MD
 Sample : VN1116WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 17 01:24:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	273772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	437937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	397769	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191639	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	220859	48.858	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.720%
35) Dibromofluoromethane	8.171	113	159684	49.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.840%
50) Toluene-d8	10.571	98	597014	51.252	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.853	95	222261	50.516	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	77572	19.022	ug/l	97
3) Chloromethane	2.359	50	56609	18.463	ug/l	93
4) Vinyl Chloride	2.512	62	61428	18.932	ug/l	100
5) Bromomethane	2.953	94	39664	18.007	ug/l	91
6) Chloroethane	3.118	64	39075	18.376	ug/l	99
7) Trichlorofluoromethane	3.500	101	124623	18.412	ug/l	99
8) Diethyl Ether	3.959	74	37723	19.164	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.377	101	57585	18.614	ug/l	93
10) Methyl Iodide	4.589	142	62262	18.622	ug/l #	88
11) Tert butyl alcohol	5.518	59	50260	101.105	ug/l	99
12) 1,1-Dichloroethene	4.342	96	54083	18.691	ug/l	92
13) Acrolein	4.177	56	43345	98.527	ug/l	97
14) Allyl chloride	5.024	41	78726	21.625	ug/l	91
15) Acrylonitrile	5.718	53	134607	100.867	ug/l	98
16) Acetone	4.430	43	120193	79.163	ug/l	97
17) Carbon Disulfide	4.712	76	148917	17.236	ug/l	97
18) Methyl Acetate	5.024	43	90768	18.607	ug/l	96
19) Methyl tert-butyl Ether	5.800	73	196301	19.210	ug/l	98
20) Methylene Chloride	5.277	84	64380	20.248	ug/l	90
21) trans-1,2-Dichloroethene	5.788	96	60326	18.977	ug/l #	82
22) Diisopropyl ether	6.671	45	165214	20.512	ug/l	95
23) Vinyl Acetate	6.606	43	500356	103.331	ug/l	92
24) 1,1-Dichloroethane	6.565	63	113358	19.323	ug/l	98
25) 2-Butanone	7.488	43	168845	93.599	ug/l #	86
26) 2,2-Dichloropropane	7.488	77	107765	18.516	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	67817	18.817	ug/l	86
28) Bromochloromethane	7.812	49	48657	21.098	ug/l	95
29) Tetrahydrofuran	7.841	42	103526	106.896	ug/l	90
30) Chloroform	7.965	83	125888	19.199	ug/l	94
31) Cyclohexane	8.259	56	94327	19.188	ug/l	89
32) 1,1,1-Trichloroethane	8.171	97	121707	19.033	ug/l	99
36) 1,1-Dichloropropene	8.371	75	89543	19.140	ug/l	95
37) Ethyl Acetate	7.565	43	68153	21.002	ug/l	97
38) Carbon Tetrachloride	8.365	117	110075	18.541	ug/l	97
39) Methylcyclohexane	9.606	83	88760	19.676	ug/l	90
40) Benzene	8.606	78	256730	19.308	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	35150	19.724	ug/l	92
42) 1,2-Dichloroethane	8.671	62	104389	19.189	ug/l	96
43) Isopropyl Acetate	8.694	43	116972	18.523	ug/l	97
44) Trichloroethene	9.353	130	66405	19.039	ug/l	96
45) 1,2-Dichloropropane	9.624	63	61516	19.908	ug/l	97
46) Dibromomethane	9.712	93	46900	20.051	ug/l	94
47) Bromodichloromethane	9.894	83	101563	19.739	ug/l	99
48) Methyl methacrylate	9.682	41	66011	20.284	ug/l	90
49) 1,4-Dioxane	9.700	88	22855	422.149	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	346162	105.880	ug/l	98
52) Toluene	10.629	92	164223	19.735	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	99252	18.775	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	107007	19.813	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	60819	19.150	ug/l	95
56) Ethyl methacrylate	10.876	69	68681	21.168	ug/l #	89
57) 1,3-Dichloropropane	11.165	76	108110	19.496	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	196102	107.283	ug/l	95
59) 2-Hexanone	11.200	43	255693	97.327	ug/l	97
60) Dibromochloromethane	11.365	129	73246	19.263	ug/l	99
61) 1,2-Dibromoethane	11.470	107	63425	19.575	ug/l	97
64) Tetrachloroethene	11.106	164	58801	19.370	ug/l	95
65) Chlorobenzene	11.894	112	165646	18.378	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.965	131	67679	19.350	ug/l	95
67) Ethyl Benzene	11.965	91	306365	19.102	ug/l	98
68) m/p-Xylenes	12.076	106	229010	39.162	ug/l	90
69) o-Xylene	12.400	106	106948	19.406	ug/l	85
70) Styrene	12.417	104	161809	19.727	ug/l	92
71) Bromoform	12.582	173	51235	19.753	ug/l #	99
73) Isopropylbenzene	12.700	105	289179	19.419	ug/l	99
74) N-amyl acetate	12.494	43	91854	19.779	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.941	83	84630	18.988	ug/l	95
76) 1,2,3-Trichloropropane	12.994	75	117146	24.949	ug/l	73
77) Bromobenzene	12.982	156	70610	18.807	ug/l	98
78) n-propylbenzene	13.041	91	325319	19.536	ug/l	99
79) 2-Chlorotoluene	13.129	91	206158	19.061	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	252352	19.467	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	27620	19.874	ug/l	91
82) 4-Chlorotoluene	13.223	91	213570	19.275	ug/l	95
83) tert-Butylbenzene	13.441	119	196924	18.943	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	247671	19.403	ug/l	98
85) sec-Butylbenzene	13.617	105	255305	19.414	ug/l	99
86) p-Isopropyltoluene	13.735	119	227816	19.393	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	124007	18.332	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	124247	18.277	ug/l	98
89) n-Butylbenzene	14.059	91	181050	18.413	ug/l	98
90) Hexachloroethane	14.335	117	42871	18.719	ug/l	75
91) 1,2-Dichlorobenzene	14.111	146	120466	18.610	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19241	18.586	ug/l	91
93) 1,2,4-Trichlorobenzene	15.394	180	63304	16.815	ug/l	100
94) Hexachlorobutadiene	15.506	225	35008	16.158	ug/l	97
95) Naphthalene	15.647	128	176330	16.151	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	59399	16.832	ug/l	94

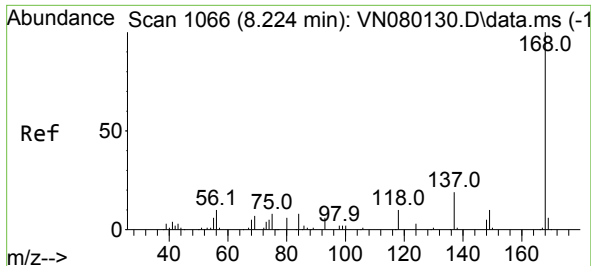
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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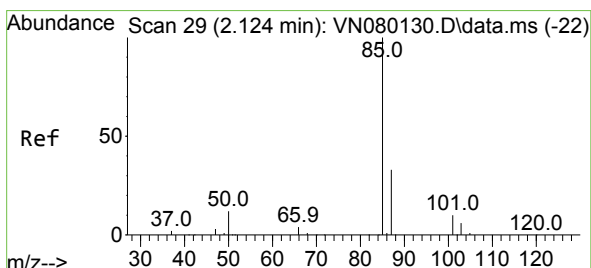
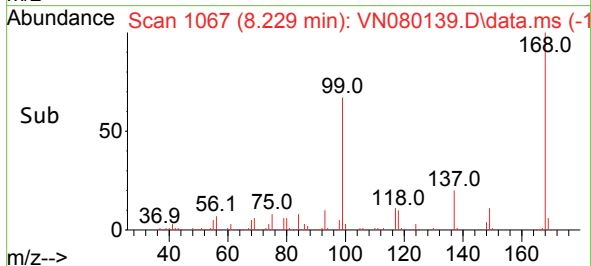
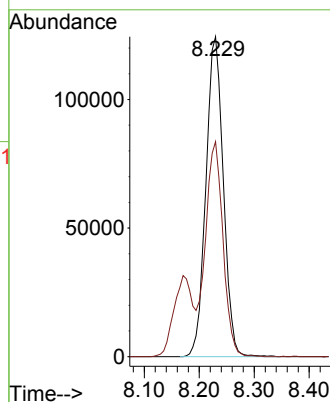
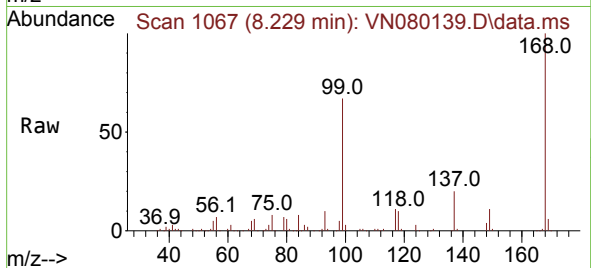
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

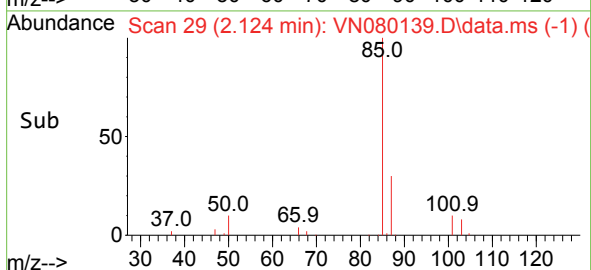
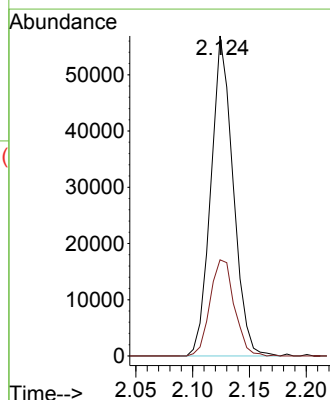
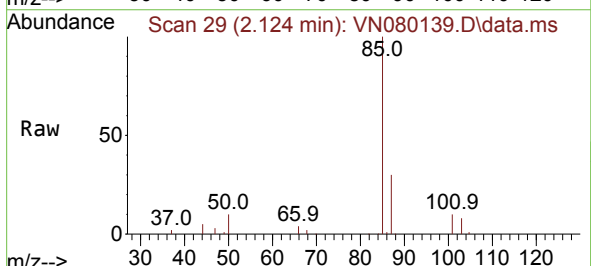
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MSVOA_N
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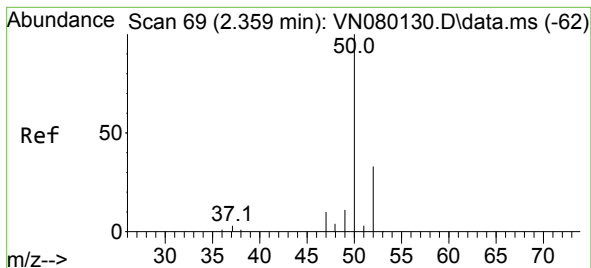
Tgt Ion:168 Resp: 273772
Ion Ratio Lower Upper
168 100
99 67.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 19.022 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 85 Resp: 77572
Ion Ratio Lower Upper
85 100
87 30.1 15.8 47.4





#3

Chloromethane

Concen: 18.463 ug/l

RT: 2.359 min Scan# 69

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

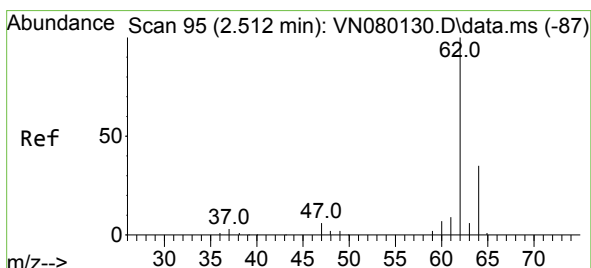
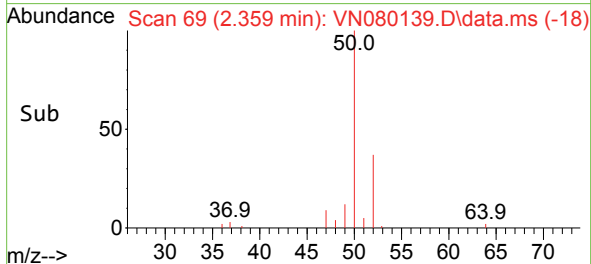
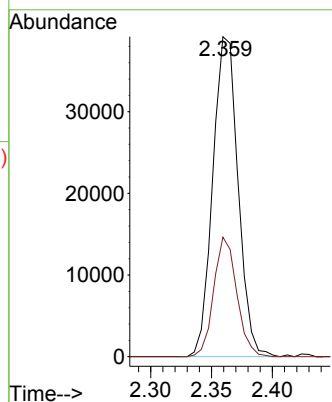
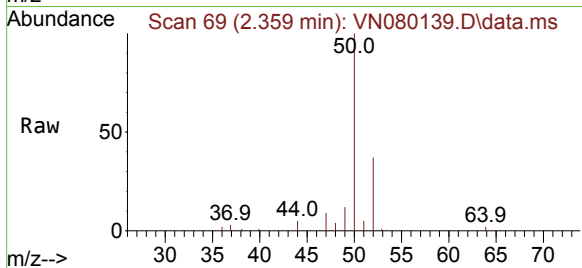
ClientSampleId :

Tgt Ion: 50 Resp: 56609

Ion Ratio Lower Upper

50 100

52 37.3 26.5 39.7



#4

Vinyl Chloride

Concen: 18.932 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.000 min

Lab File: VN080139.D

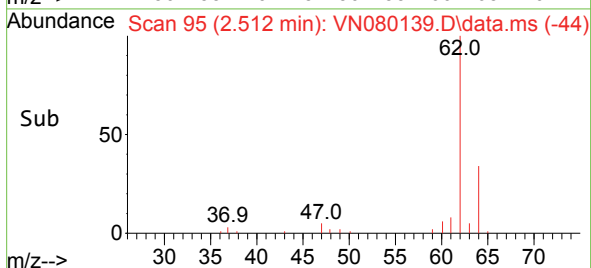
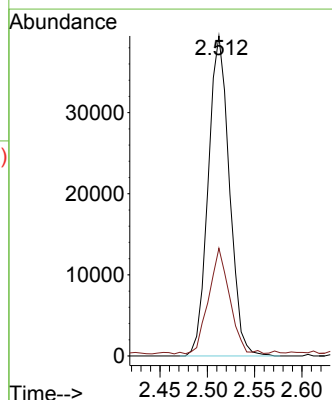
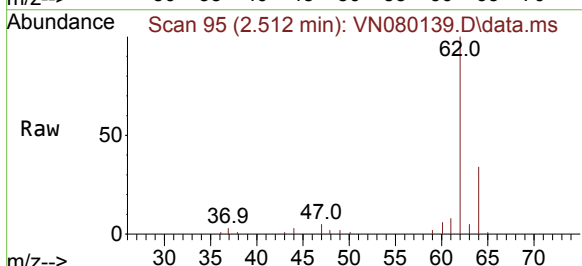
Acq: 16 Nov 2023 17:34

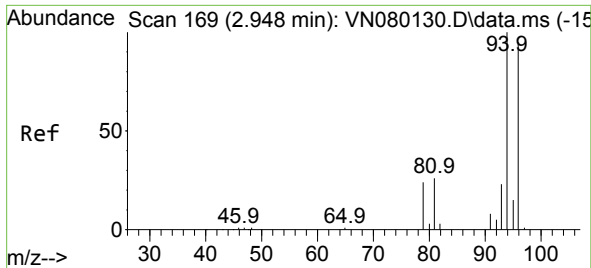
Tgt Ion: 62 Resp: 61428

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.2





#5

Bromomethane

Concen: 18.007 ug/l

RT: 2.953 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

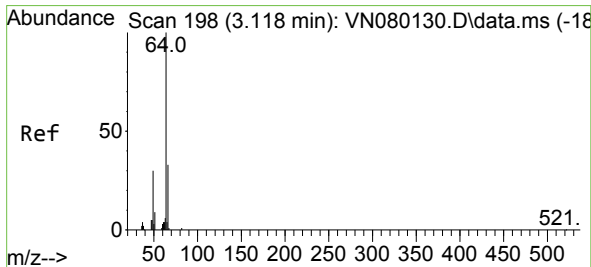
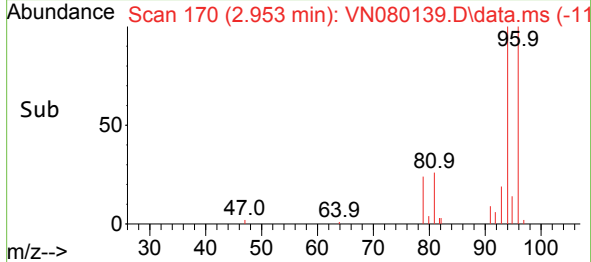
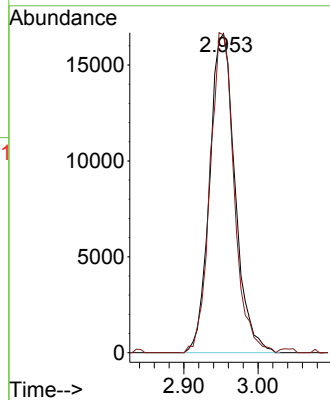
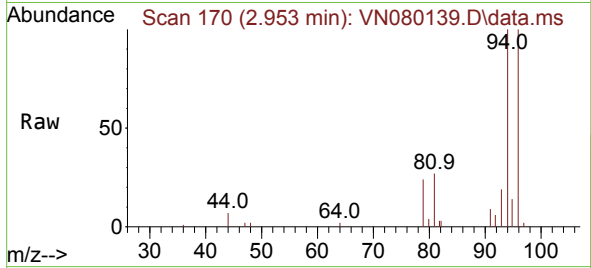
ClientSampleId :

Tgt Ion: 94 Resp: 39664

Ion Ratio Lower Upper

94 100

96 99.6 73.1 109.7



#6

Chloroethane

Concen: 18.376 ug/l

RT: 3.118 min Scan# 198

Delta R.T. 0.000 min

Lab File: VN080139.D

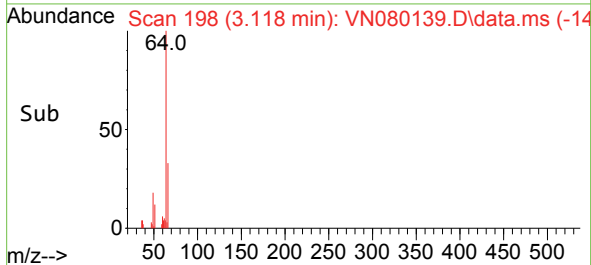
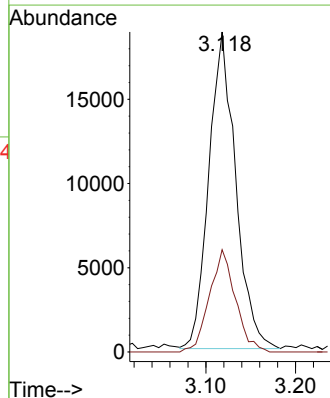
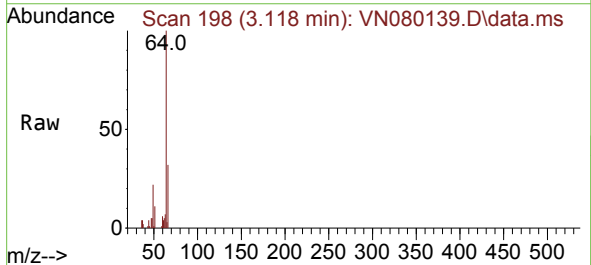
Acq: 16 Nov 2023 17:34

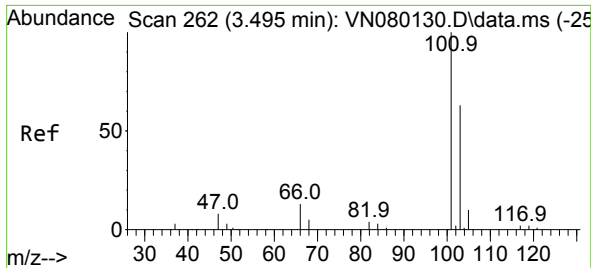
Tgt Ion: 64 Resp: 39075

Ion Ratio Lower Upper

64 100

66 32.3 25.4 38.2

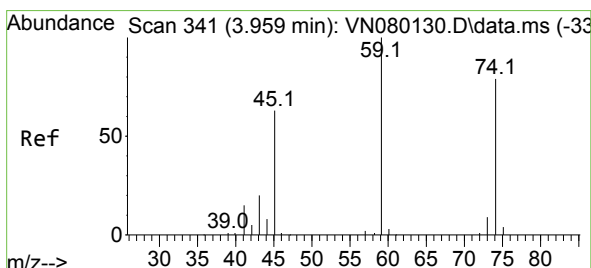
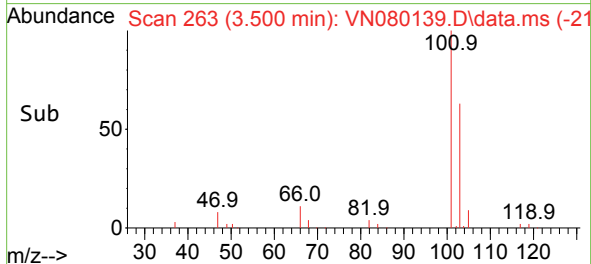
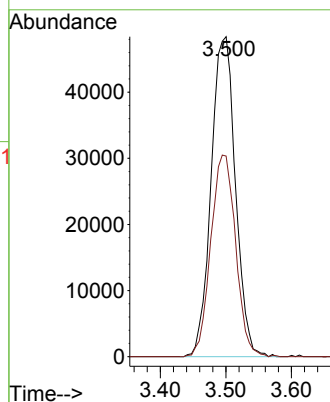
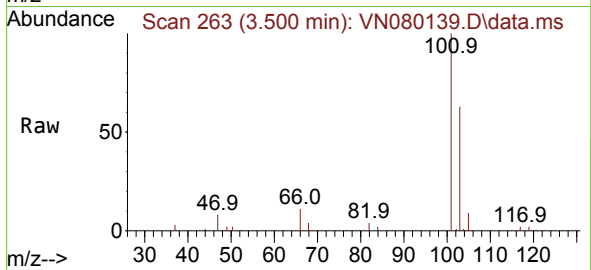




#7
 Trichlorofluoromethane
 Concen: 18.412 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN080139.D
 Acq: 16 Nov 2023 17:34

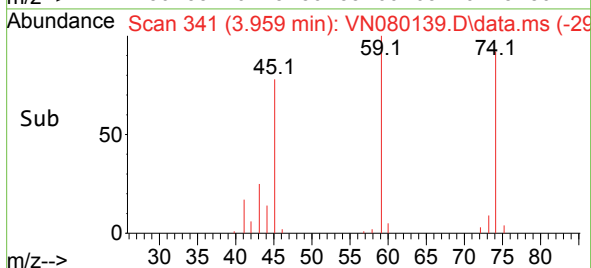
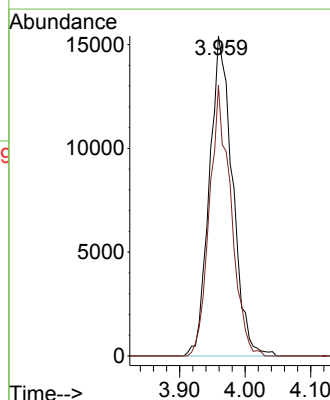
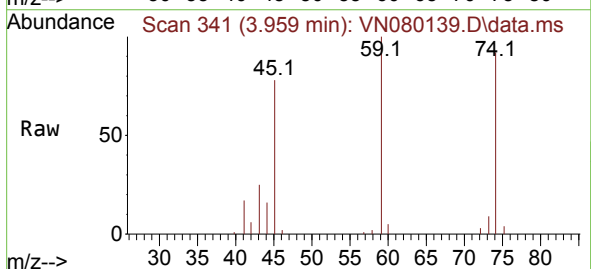
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 124623
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 19.164 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN080139.D
 Acq: 16 Nov 2023 17:34

Tgt Ion: 74 Resp: 37723
 Ion Ratio Lower Upper
 74 100
 45 78.1 34.4 103.3

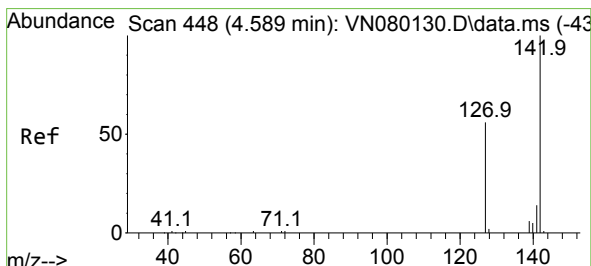
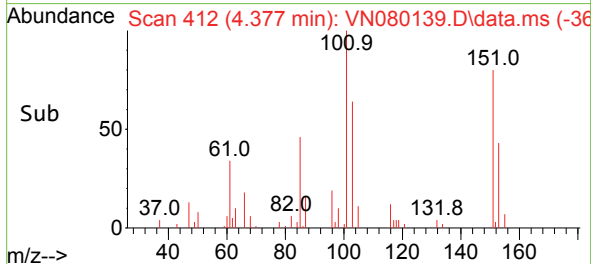
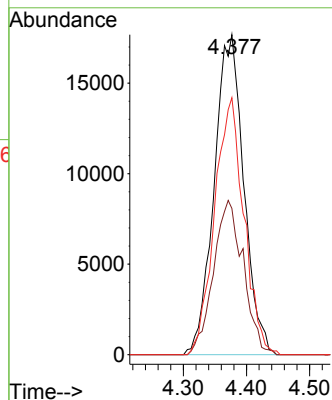
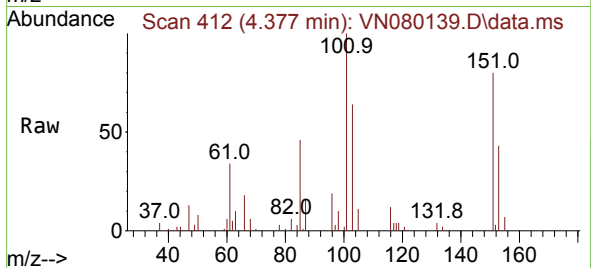




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.614 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

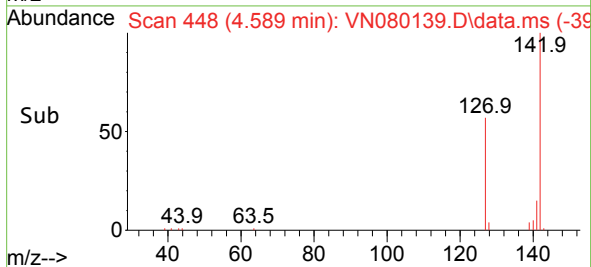
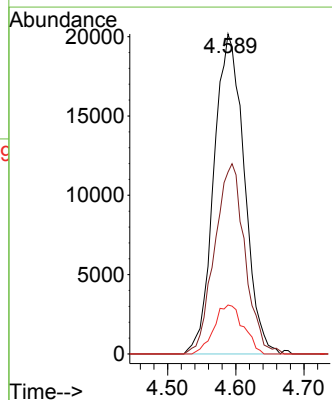
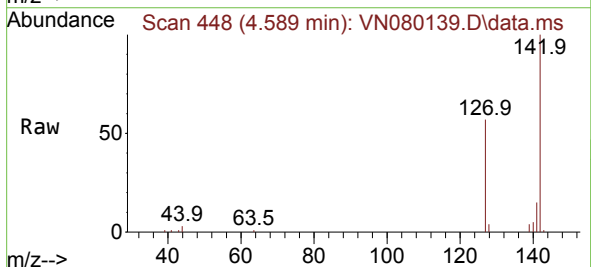
Instrument :
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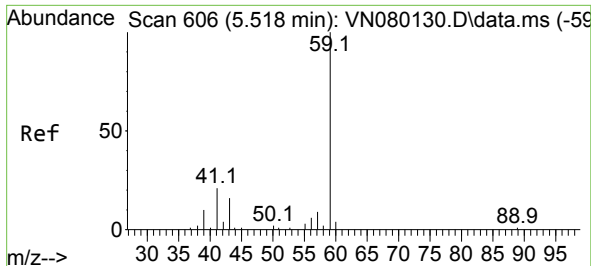
Tgt Ion:101 Resp: 57585
Ion Ratio Lower Upper
101 100
85 48.7 36.6 55.0
151 79.5 57.6 86.4



#10
Methyl Iodide
Concen: 18.622 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion:142 Resp: 62262
Ion Ratio Lower Upper
142 100
127 56.8 37.6 56.4#
141 15.3 11.4 17.0

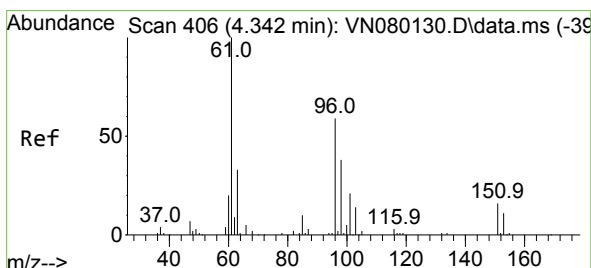
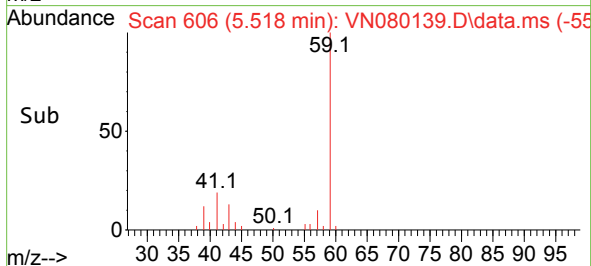
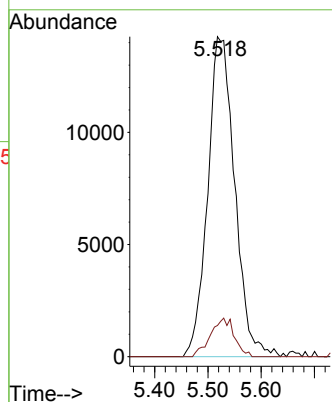
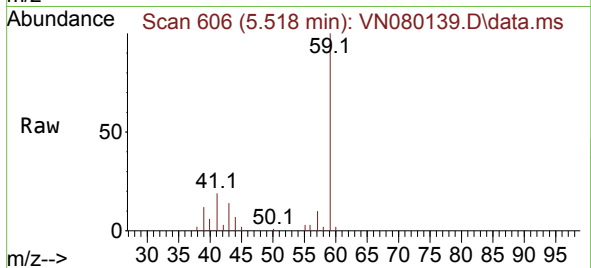




#11
Tert butyl alcohol
Concen: 101.105 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

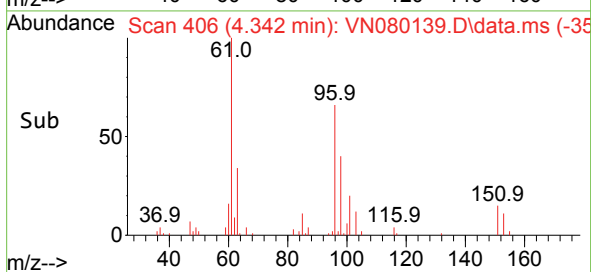
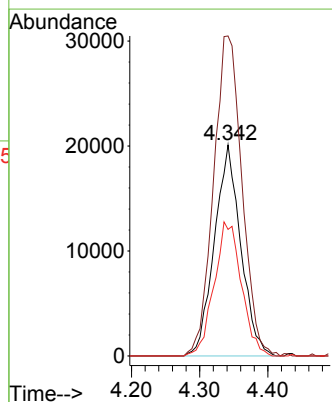
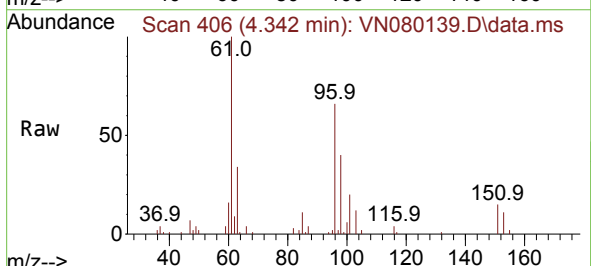
Instrument :
MSVOA_N
ClientSampleId :

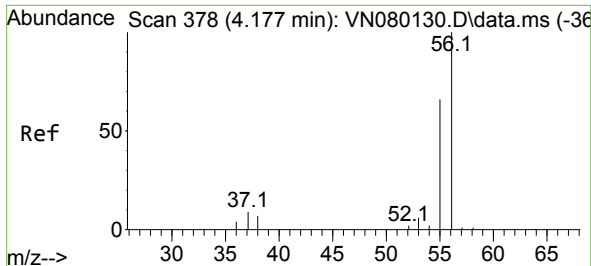
Tgt Ion: 59 Resp: 50260
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 18.691 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 96 Resp: 54083
Ion Ratio Lower Upper
96 100
61 151.7 112.7 169.1
98 59.9 51.2 76.8





#13

Acrolein

Concen: 98.527 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

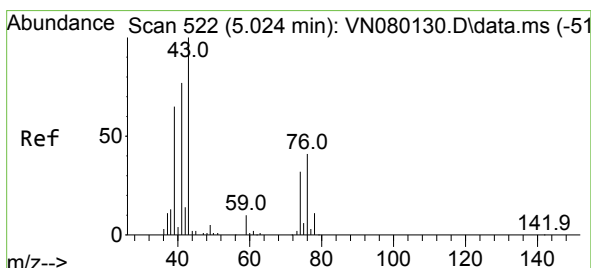
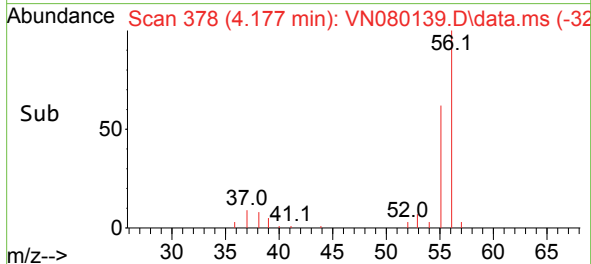
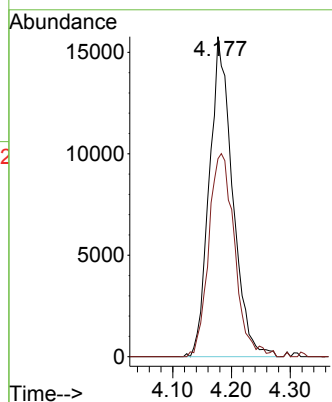
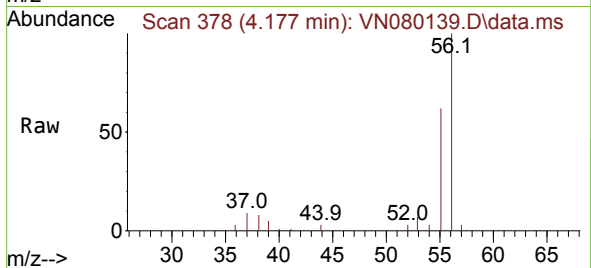
ClientSampleId :

Tgt Ion: 56 Resp: 43345

Ion Ratio Lower Upper

56 100

55 70.6 54.5 81.7



#14

Allyl chloride

Concen: 21.625 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

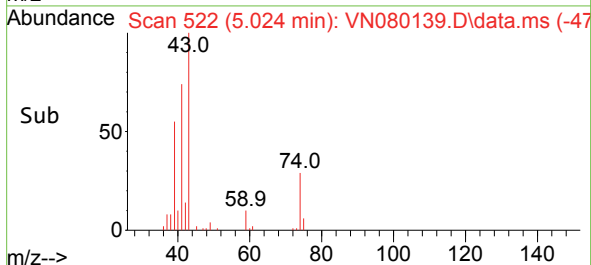
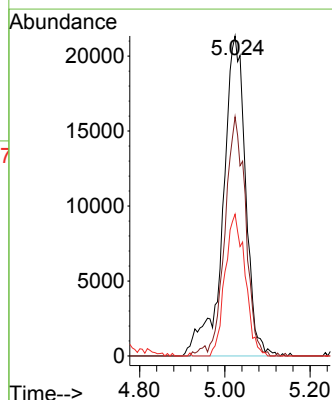
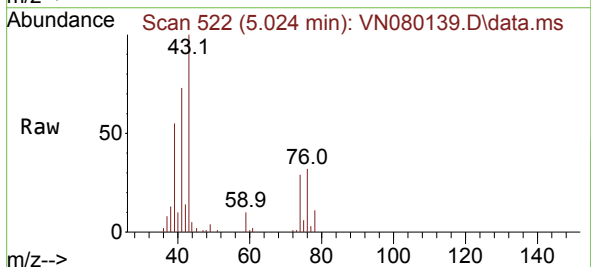
Tgt Ion: 41 Resp: 78726

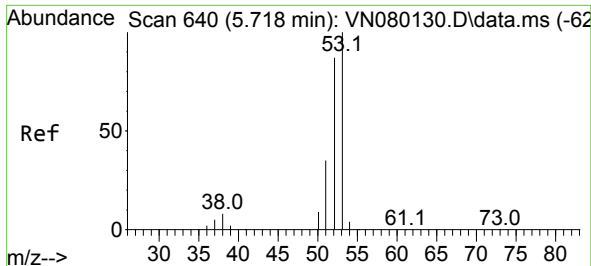
Ion Ratio Lower Upper

41 100

39 68.6 58.8 88.2

76 39.2 39.1 58.7

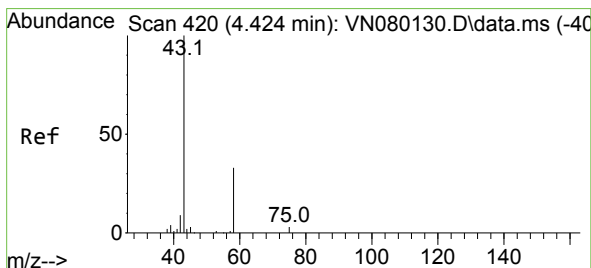
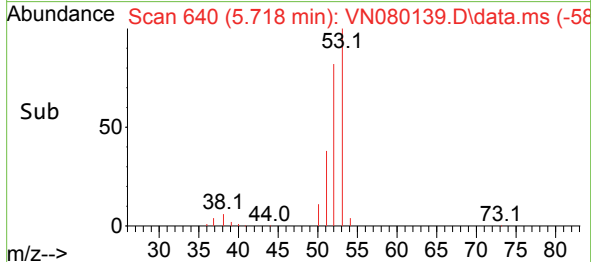
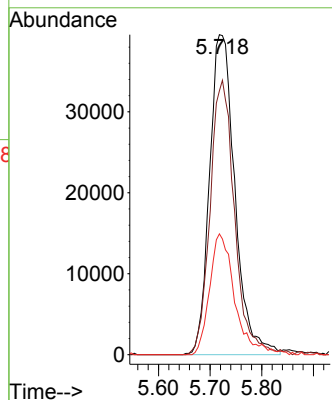
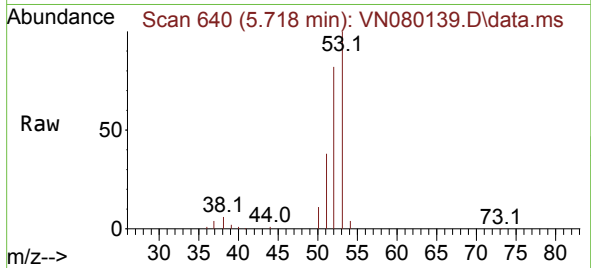




#15
Acrylonitrile
Concen: 100.867 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

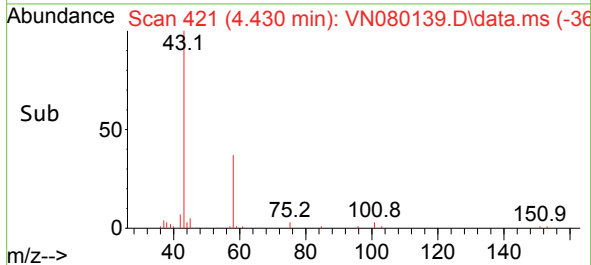
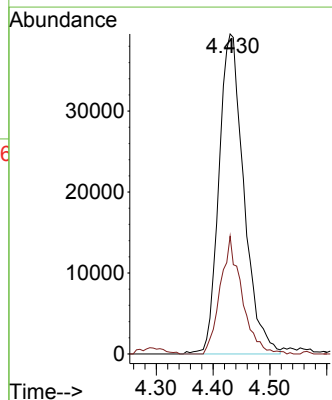
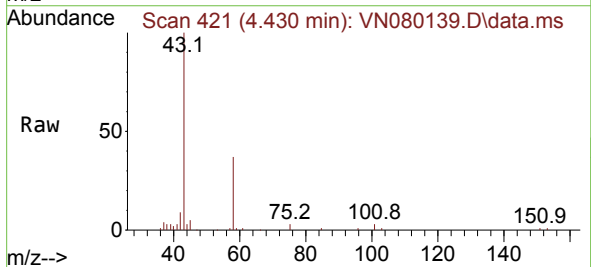
Instrument :
MSVOA_N
ClientSampleId :

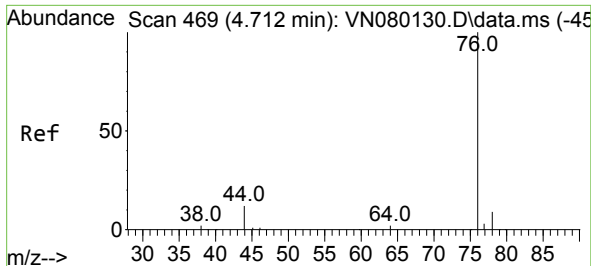
Tgt Ion: 53 Resp: 134607
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 37.7 28.9 43.3



#16
Acetone
Concen: 79.163 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 43 Resp: 120193
Ion Ratio Lower Upper
43 100
58 36.8 28.0 42.0

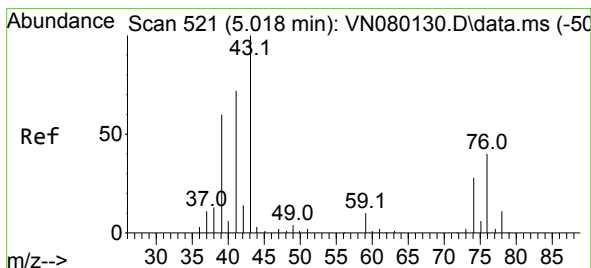
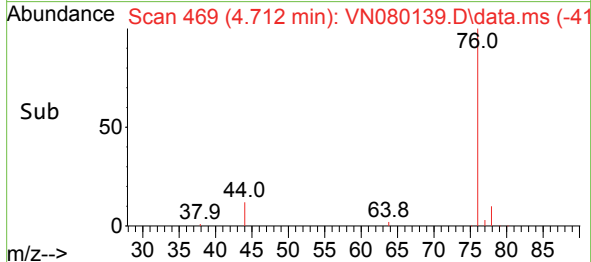
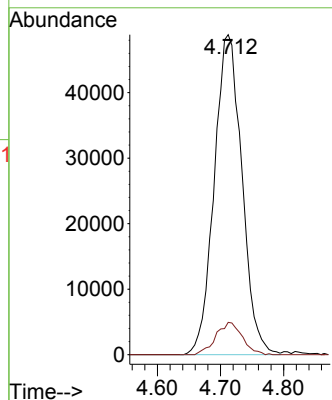
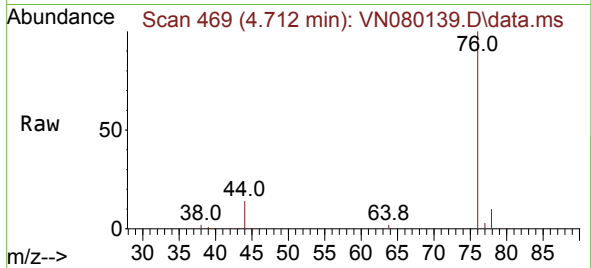




#17
Carbon Disulfide
Concen: 17.236 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

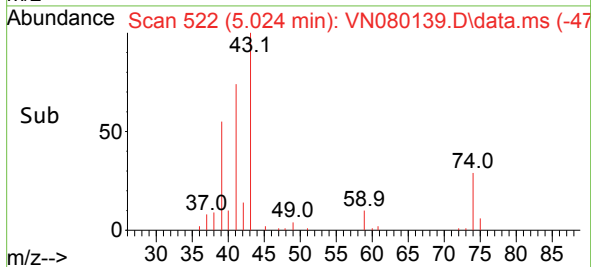
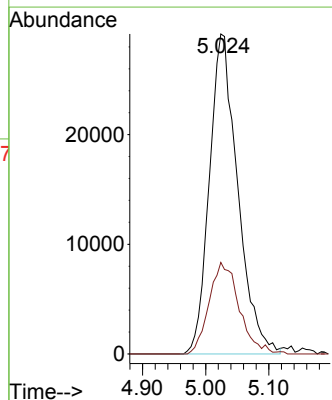
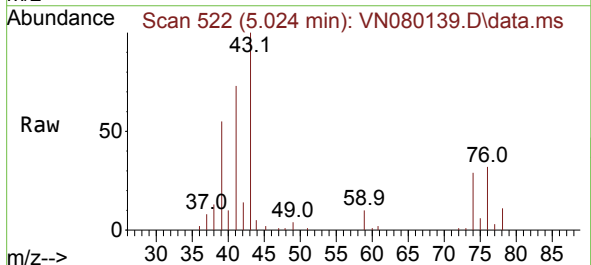
Instrument :
MSVOA_N
ClientSampleId :

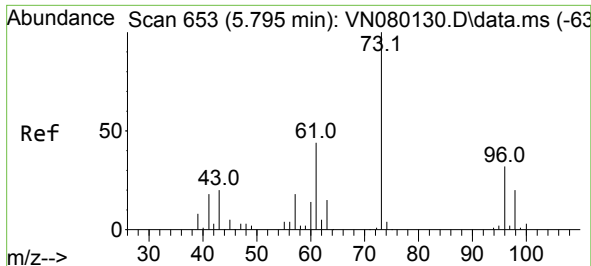
Tgt Ion: 76 Resp: 148917
Ion Ratio Lower Upper
76 100
78 10.1 7.4 11.0



#18
Methyl Acetate
Concen: 18.607 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 43 Resp: 90768
Ion Ratio Lower Upper
43 100
74 30.5 26.2 39.4

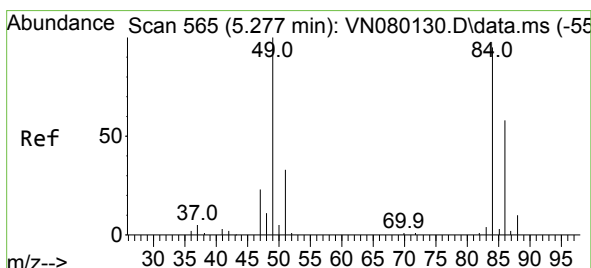
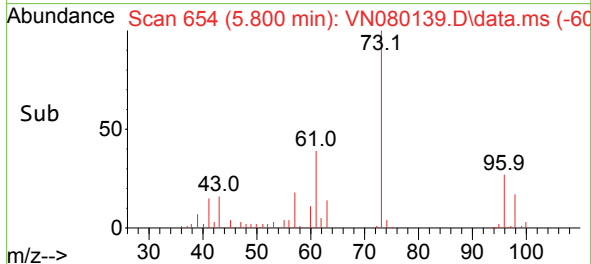
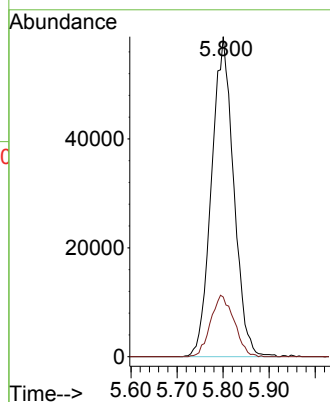
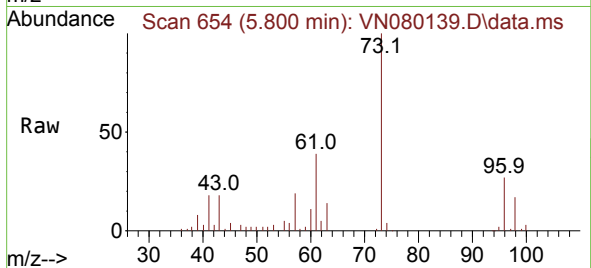




#19
Methyl tert-butyl Ether
Concen: 19.210 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

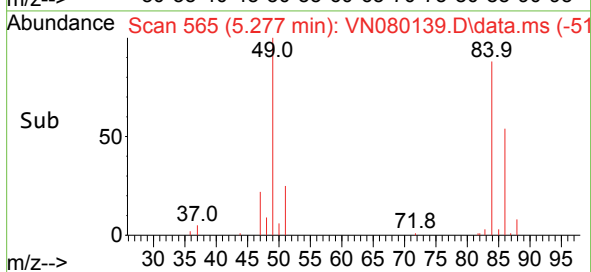
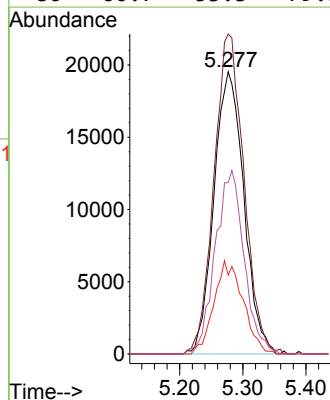
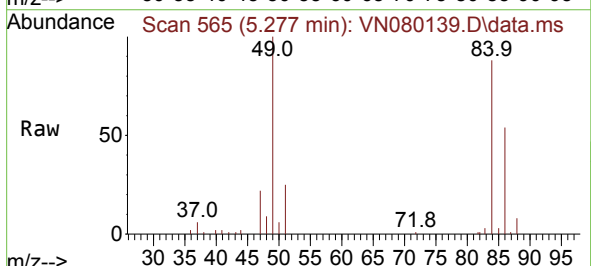
Instrument :
MSVOA_N
ClientSampleId :

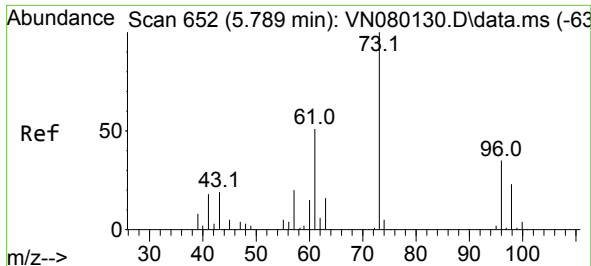
Tgt Ion: 73 Resp: 196301
Ion Ratio Lower Upper
73 100
57 18.6 15.6 23.4



#20
Methylene Chloride
Concen: 20.248 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 84 Resp: 64380
Ion Ratio Lower Upper
84 100
49 113.4 79.7 119.5
51 27.9 25.2 37.8
86 60.7 53.3 79.9

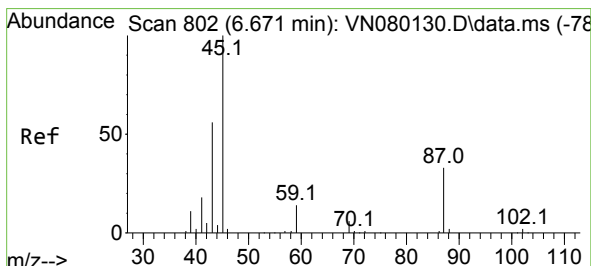
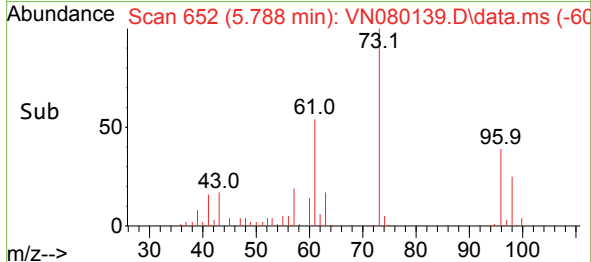
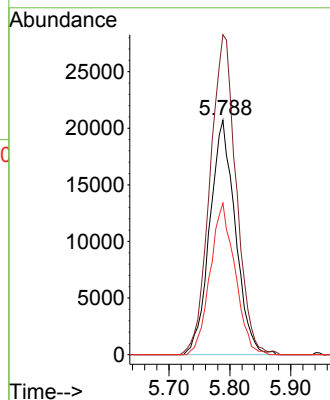
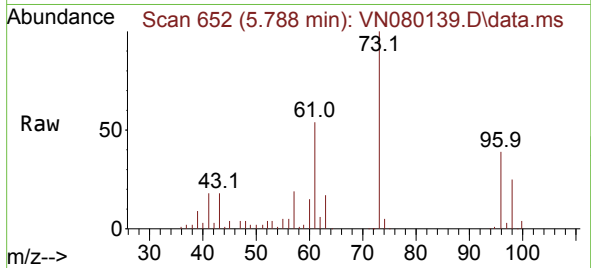




#21
trans-1,2-Dichloroethene
Concen: 18.977 ug/l
RT: 5.788 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

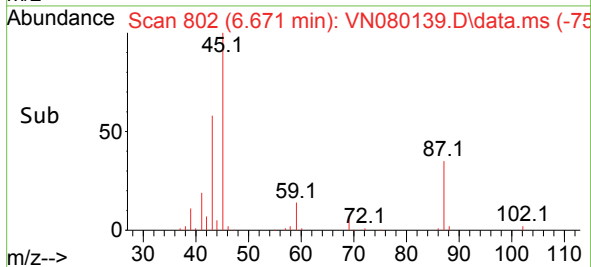
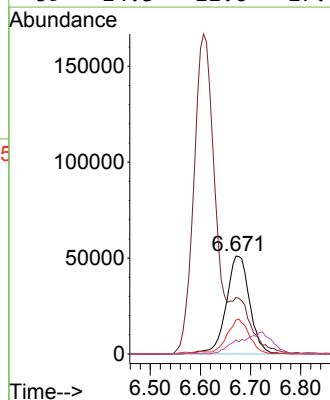
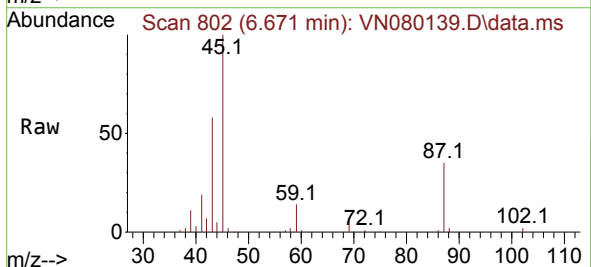
Instrument :
MSVOA_N
ClientSampleId :

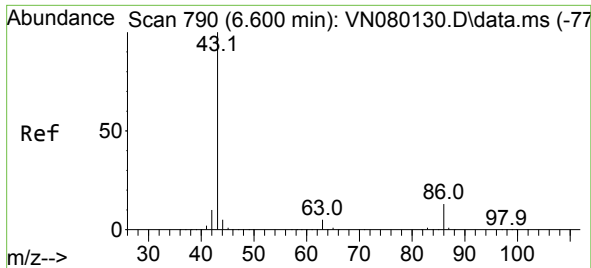
Tgt Ion: 96 Resp: 60326
Ion Ratio Lower Upper
96 100
61 136.5 90.1 135.1#
98 64.6 46.4 69.6



#22
Diisopropyl ether
Concen: 20.512 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 45 Resp: 165214
Ion Ratio Lower Upper
45 100
43 54.6 45.5 68.3
87 34.2 31.8 47.8
59 14.3 11.6 17.4





#23

Vinyl Acetate

Concen: 103.331 ug/l

RT: 6.606 min Scan# 790

Delta R.T. 0.006 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

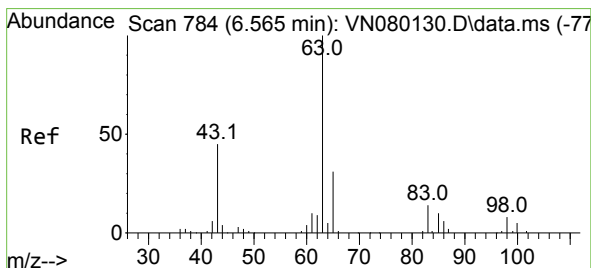
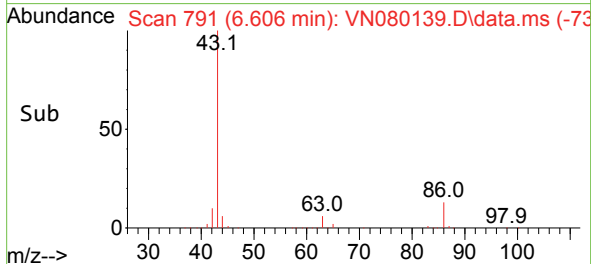
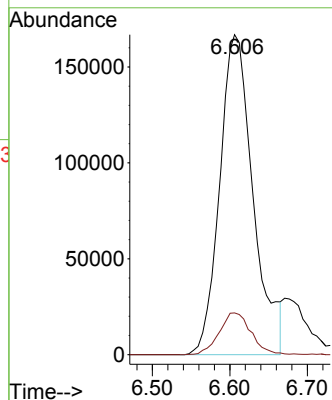
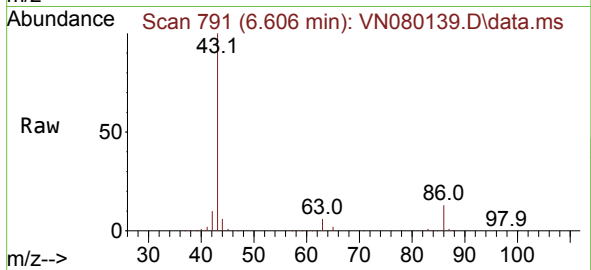
ClientSampleId :

Tgt Ion: 43 Resp: 500356

Ion Ratio Lower Upper

43 100

86 13.0 13.0 19.6



#24

1,1-Dichloroethane

Concen: 19.323 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

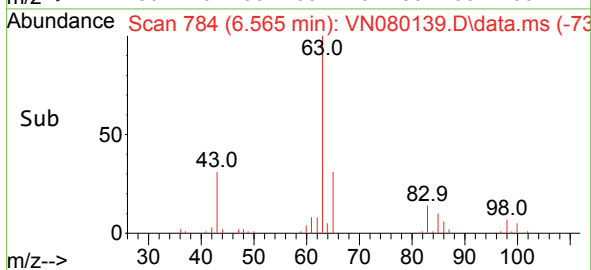
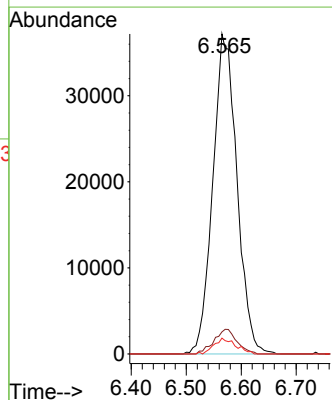
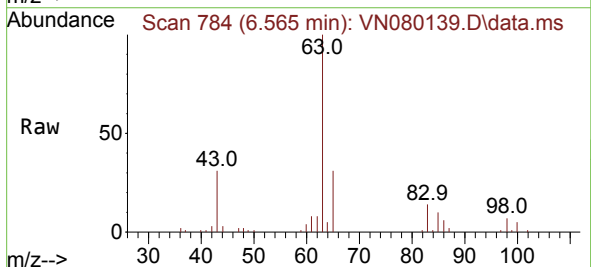
Tgt Ion: 63 Resp: 113358

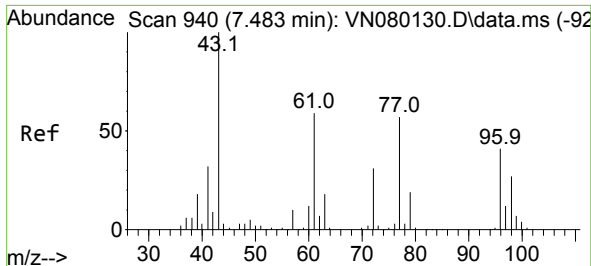
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.7

100 5.0 2.5 7.4

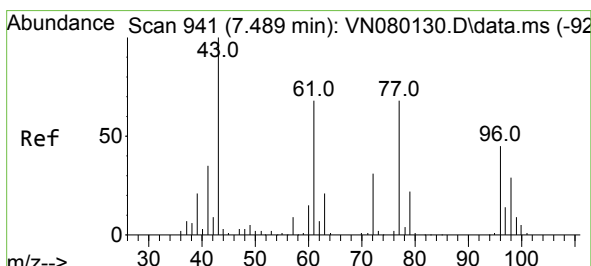
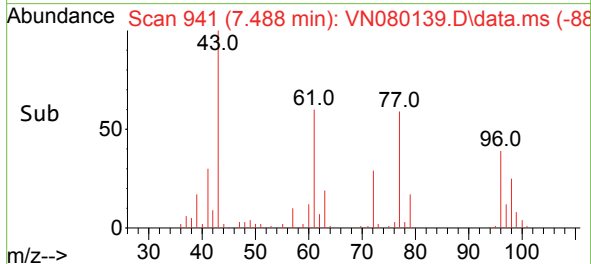
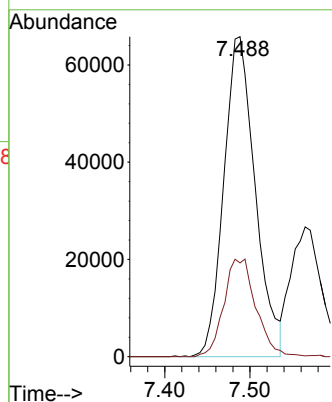
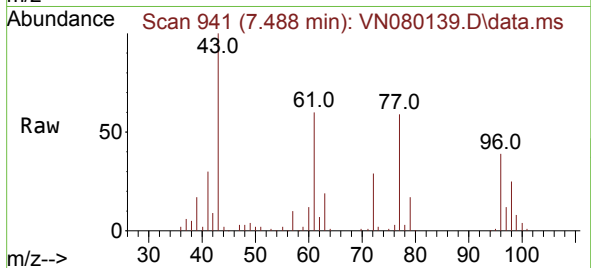




#25
2-Butanone
Concen: 93.599 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

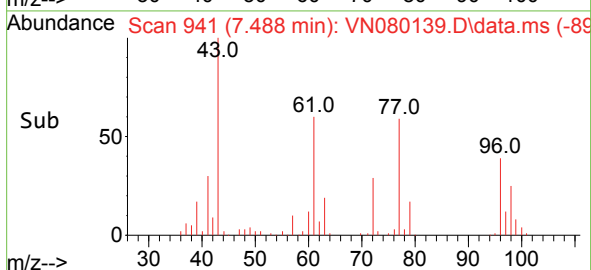
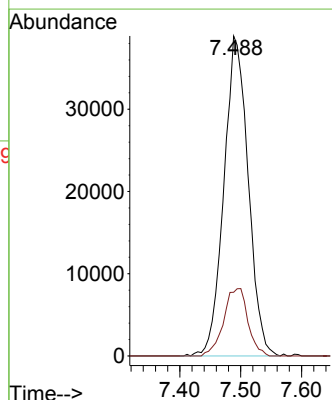
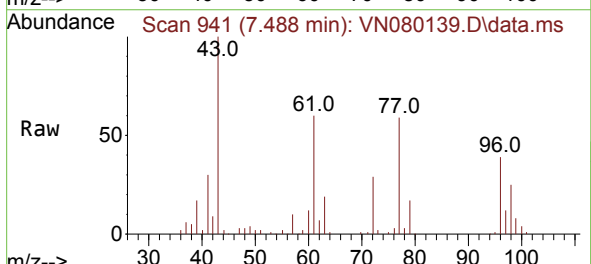
Instrument :
MSVOA_N
ClientSampleId :

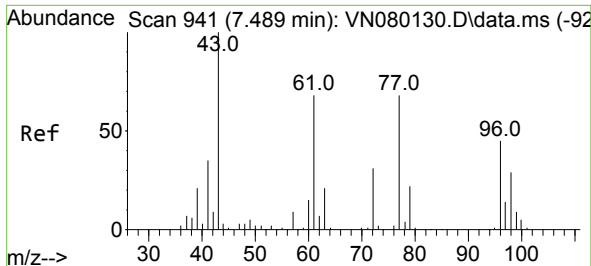
Tgt Ion: 43 Resp: 168845
Ion Ratio Lower Upper
43 100
72 29.3 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 18.516 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 77 Resp: 107765
Ion Ratio Lower Upper
77 100
97 21.0 11.2 33.6

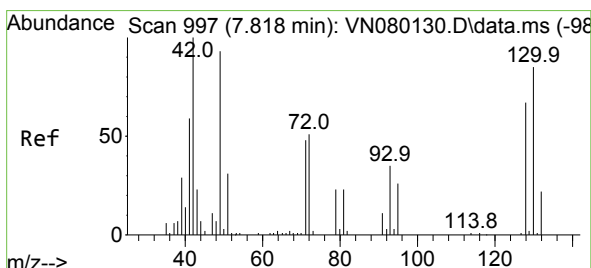
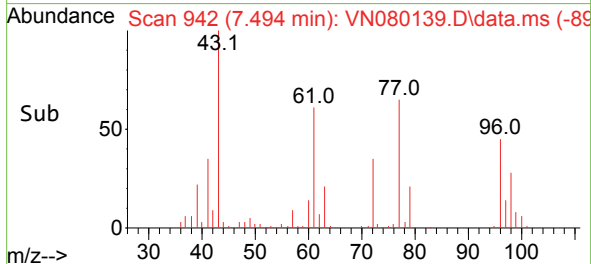
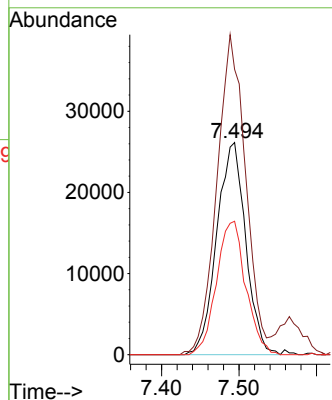
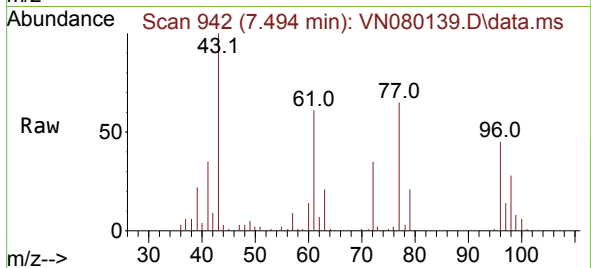




#27
 cis-1,2-Dichloroethene
 Concen: 18.817 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN080139.D
 Acq: 16 Nov 2023 17:34

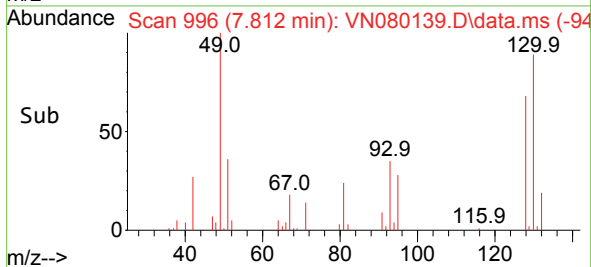
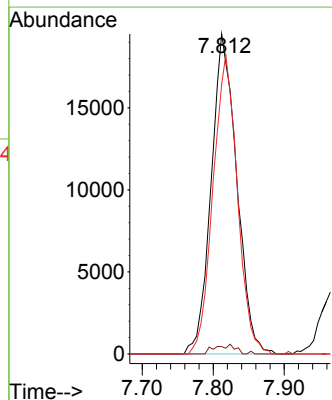
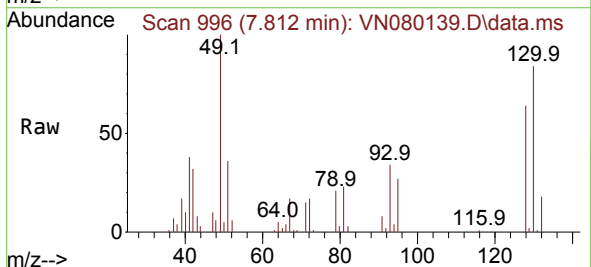
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 67817
 Ion Ratio Lower Upper
 96 100
 61 151.0 0.0 255.2
 98 63.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 21.098 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN080139.D
 Acq: 16 Nov 2023 17:34

Tgt Ion: 49 Resp: 48657
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 4.8
 130 89.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 106.896 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

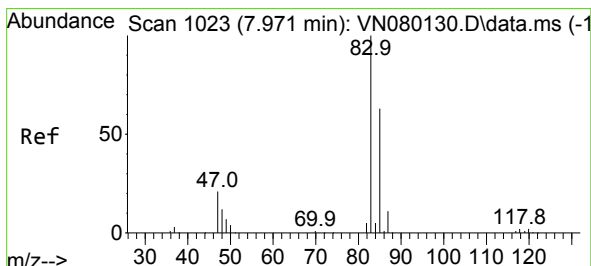
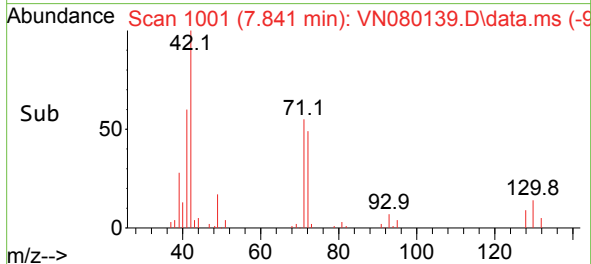
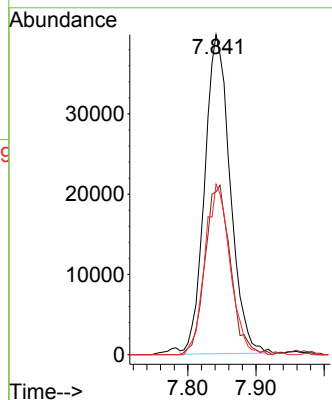
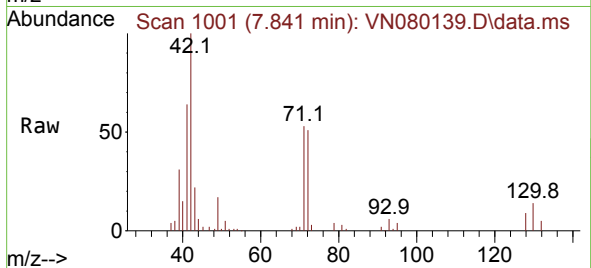
Tgt Ion: 42 Resp: 103526

Ion Ratio Lower Upper

42 100

72 53.0 49.8 74.6

71 52.6 47.4 71.2



#30

Chloroform

Concen: 19.199 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080139.D

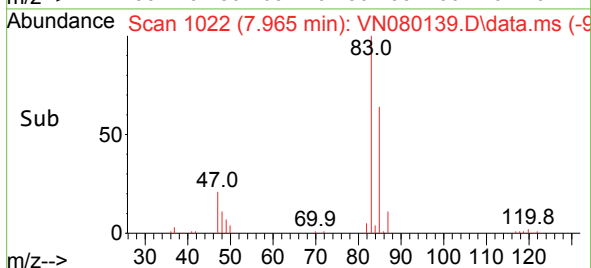
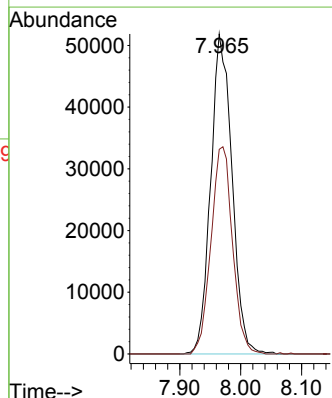
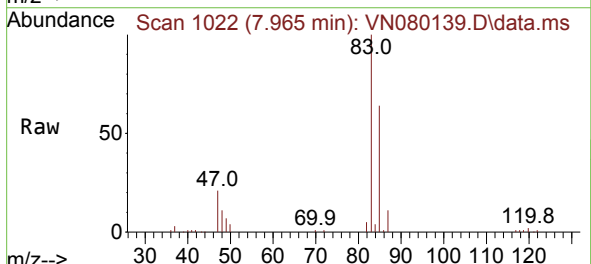
Acq: 16 Nov 2023 17:34

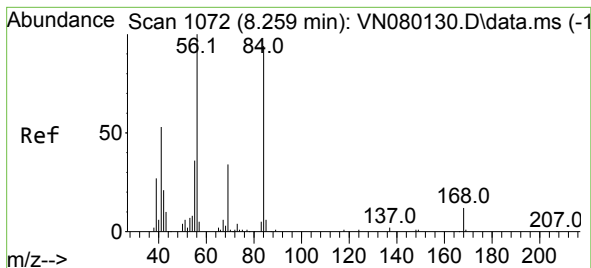
Tgt Ion: 83 Resp: 125888

Ion Ratio Lower Upper

83 100

85 64.0 55.4 83.0





#31

Cyclohexane

Concen: 19.188 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.000 min

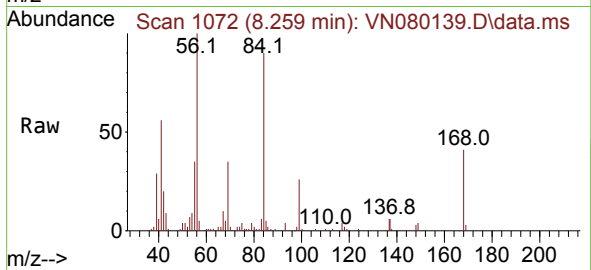
Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :



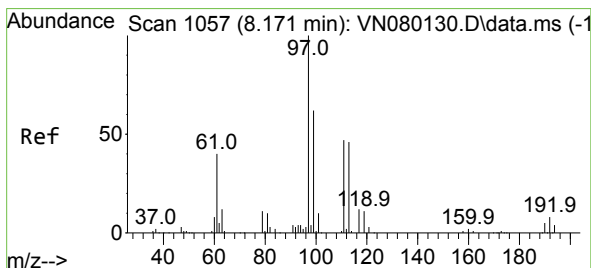
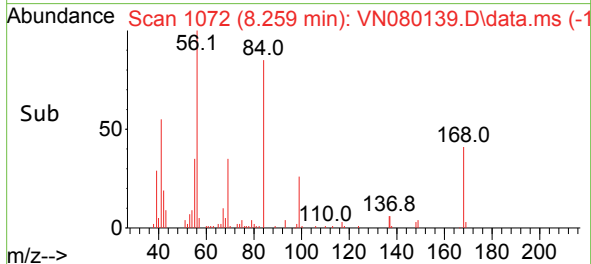
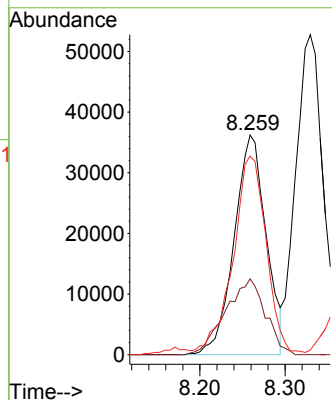
Tgt Ion: 56 Resp: 94327

Ion Ratio Lower Upper

56 100

69 34.5 26.8 40.2

84 88.1 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 19.033 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

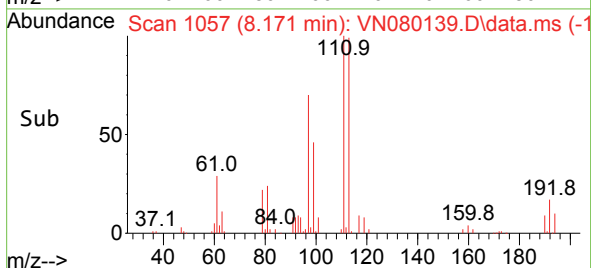
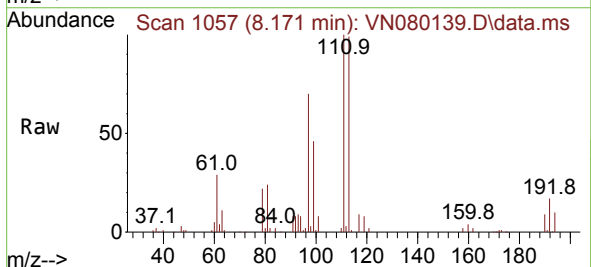
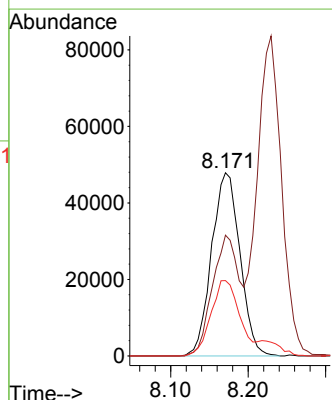
Tgt Ion: 97 Resp: 121707

Ion Ratio Lower Upper

97 100

99 62.2 50.3 75.5

61 42.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 48.858 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

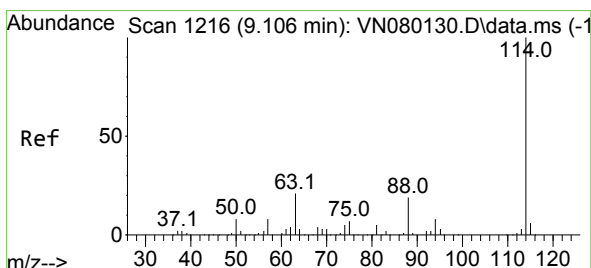
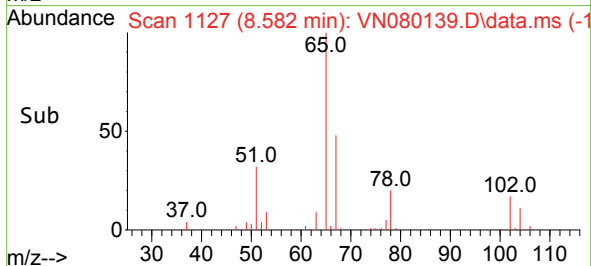
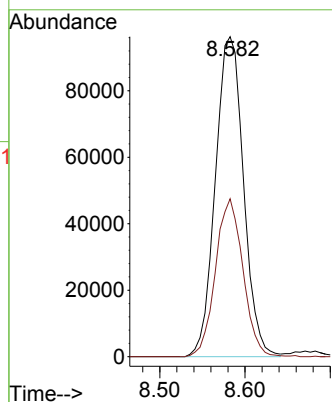
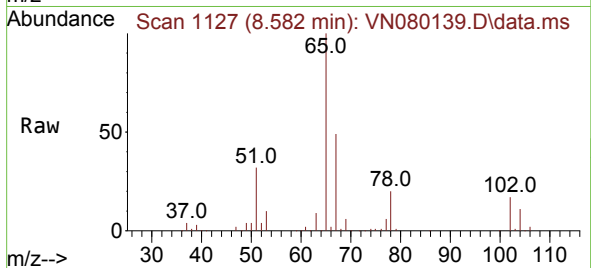
ClientSampleId :

Tgt Ion: 65 Resp: 220859

Ion Ratio Lower Upper

65 100

67 48.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

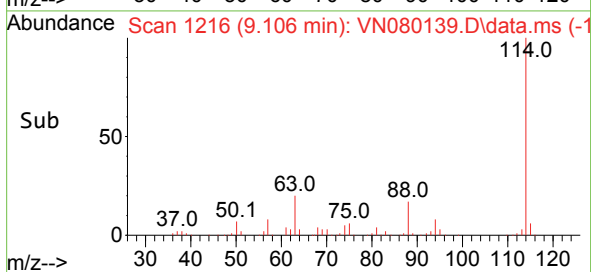
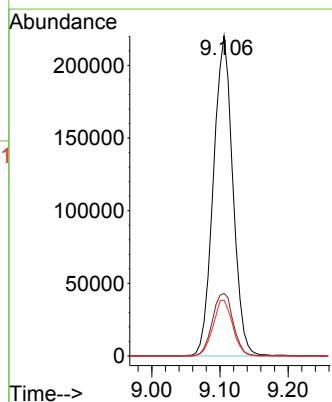
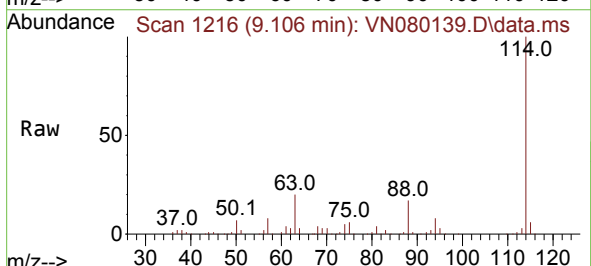
Tgt Ion: 114 Resp: 437937

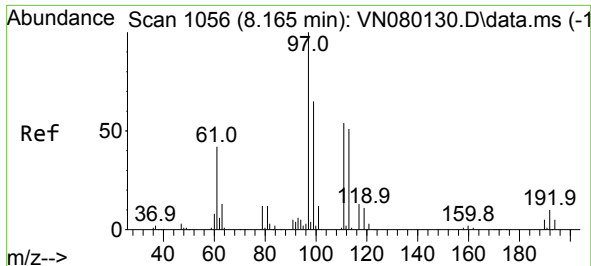
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 17.5 0.0 30.6

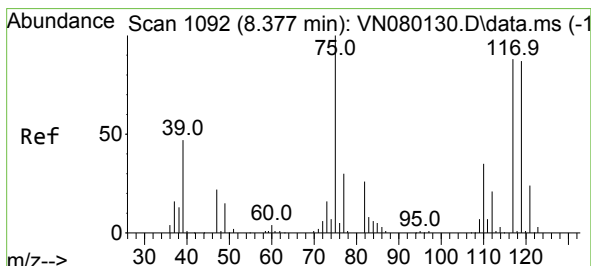
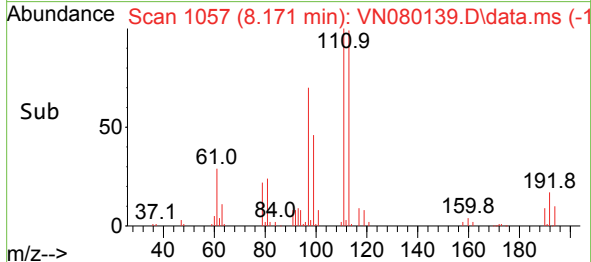
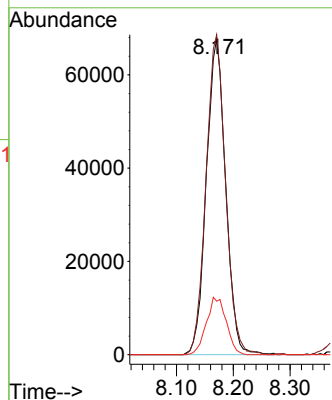
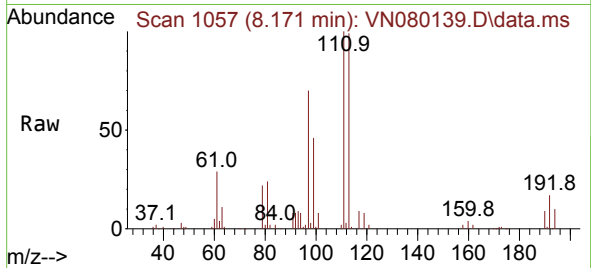




#35
Dibromofluoromethane
Concen: 49.416 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

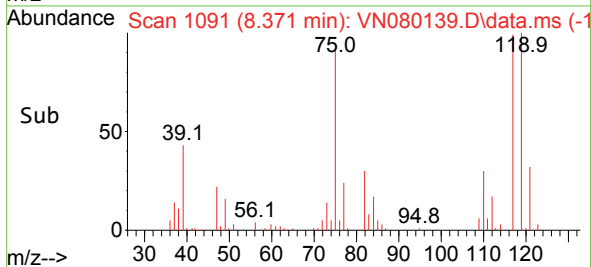
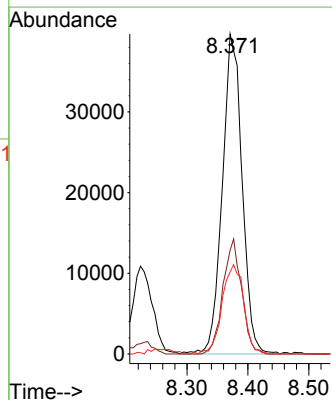
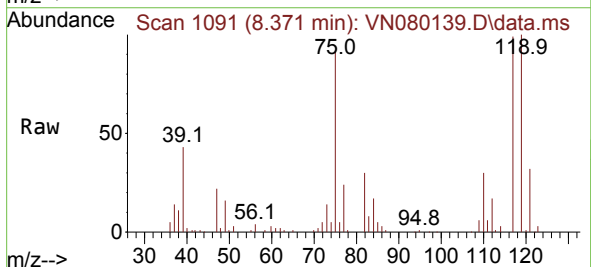
Instrument :
MSVOA_N
ClientSampleId :

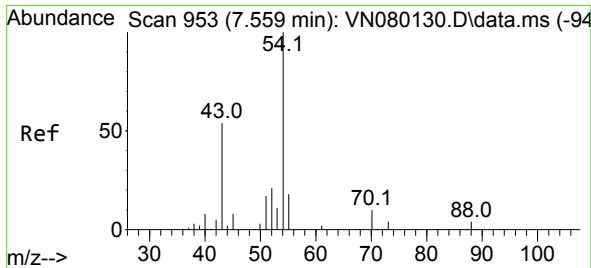
Tgt Ion:113 Resp: 159684
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 18.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 19.140 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 75 Resp: 89543
Ion Ratio Lower Upper
75 100
110 34.0 19.1 57.3
77 30.3 25.0 37.4

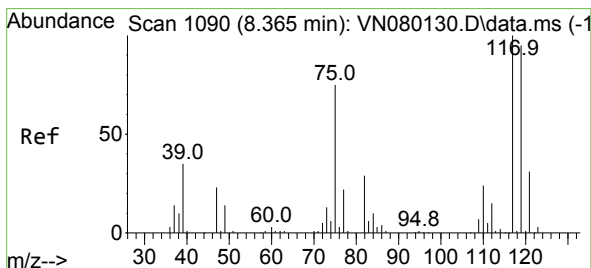
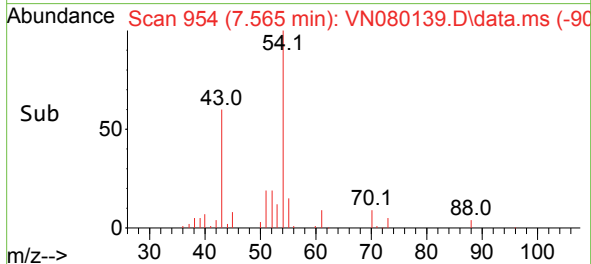
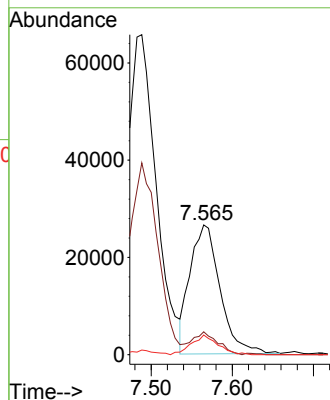
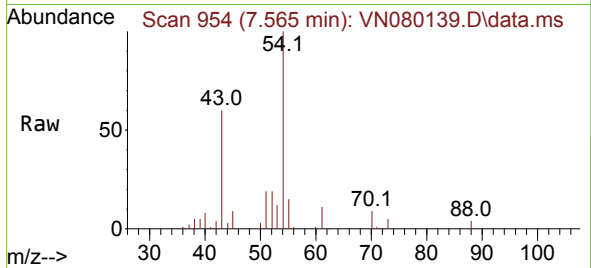




#37
Ethyl Acetate
Concen: 21.002 ug/l
RT: 7.565 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

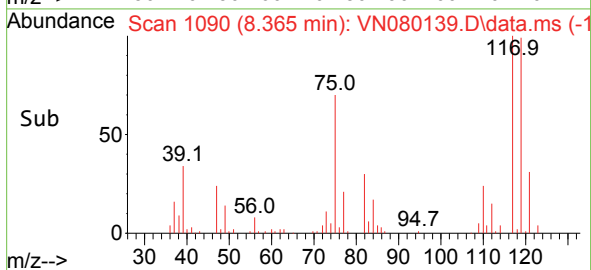
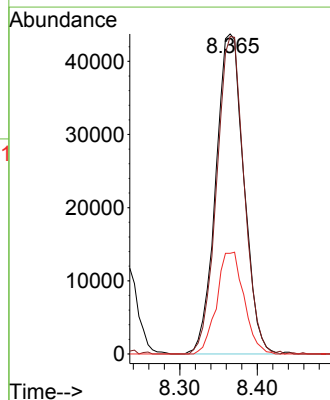
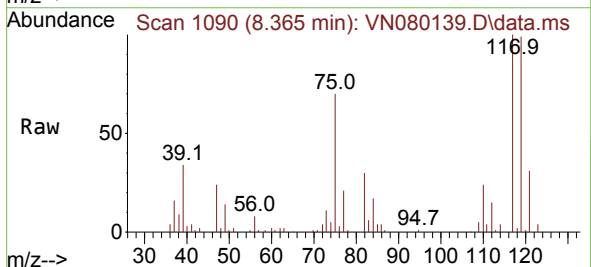
Instrument :
MSVOA_N
ClientSampleId :

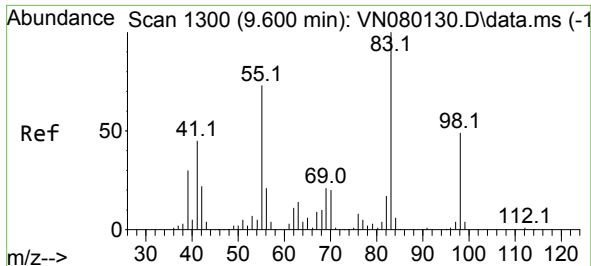
Tgt Ion: 43 Resp: 68153
Ion Ratio Lower Upper
43 100
61 14.5 13.2 19.8
70 13.4 11.3 16.9



#38
Carbon Tetrachloride
Concen: 18.541 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 117 Resp: 110075
Ion Ratio Lower Upper
117 100
119 99.2 77.3 115.9
121 31.4 23.3 34.9





#39

Methylcyclohexane

Concen: 19.676 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

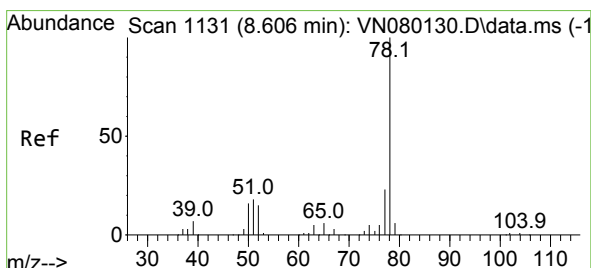
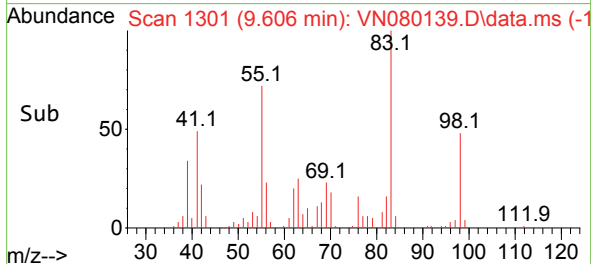
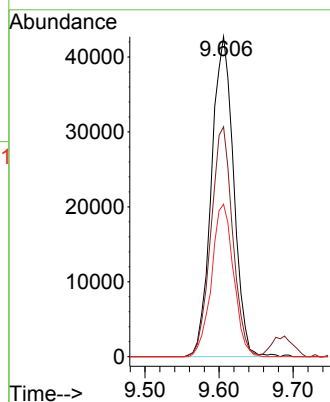
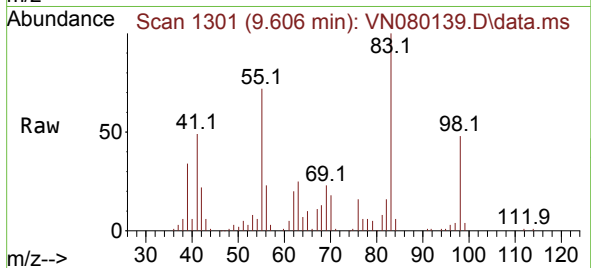
Tgt Ion: 83 Resp: 88760

Ion Ratio Lower Upper

83 100

55 71.8 49.1 73.7

98 47.7 40.6 61.0



#40

Benzene

Concen: 19.308 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN080139.D

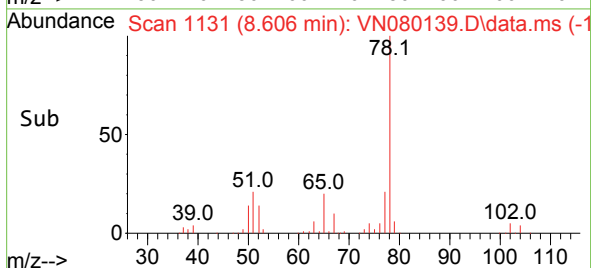
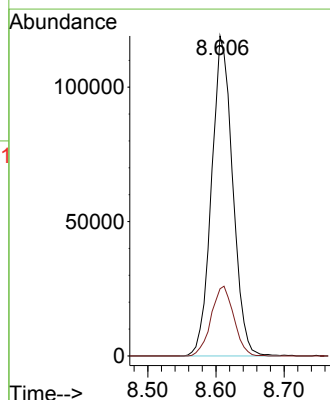
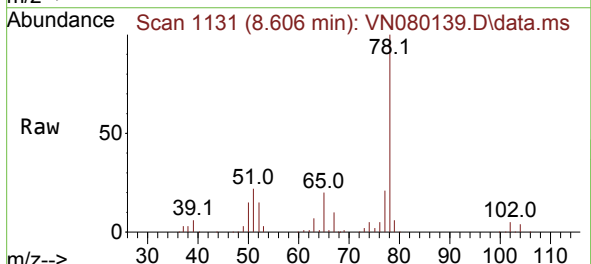
Acq: 16 Nov 2023 17:34

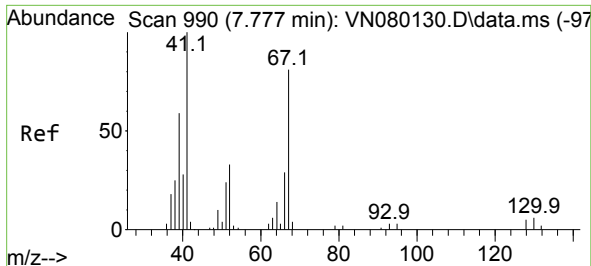
Tgt Ion: 78 Resp: 256730

Ion Ratio Lower Upper

78 100

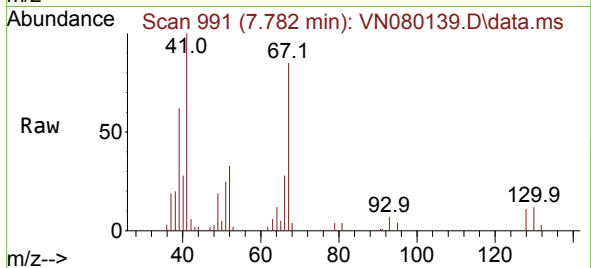
77 21.0 19.0 28.6



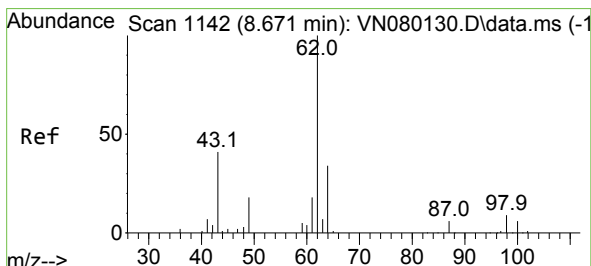
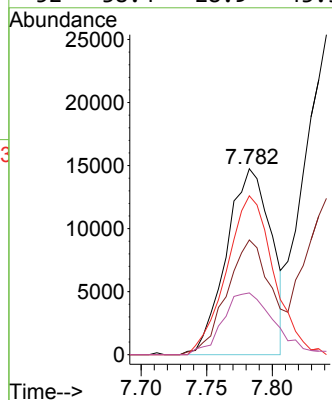
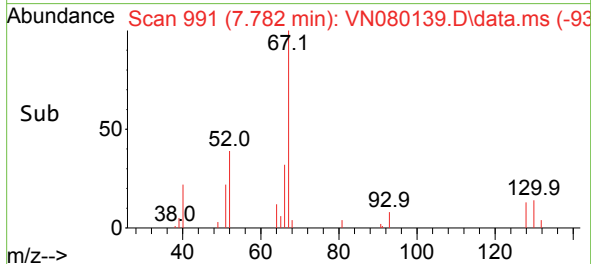


#41
Methacrylonitrile
Concen: 19.724 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Instrument :
MSVOA_N
ClientSampleId :

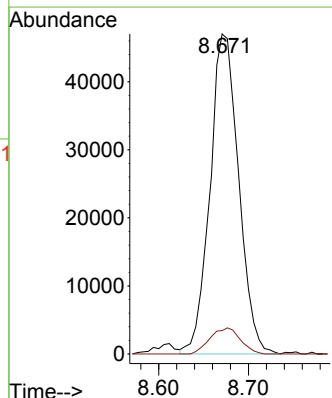
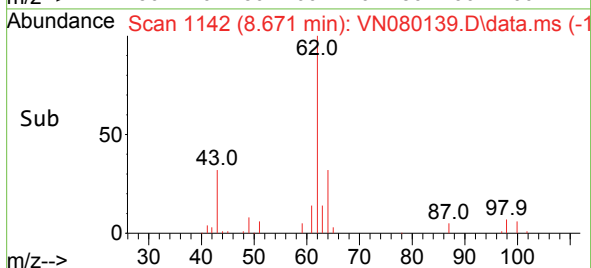
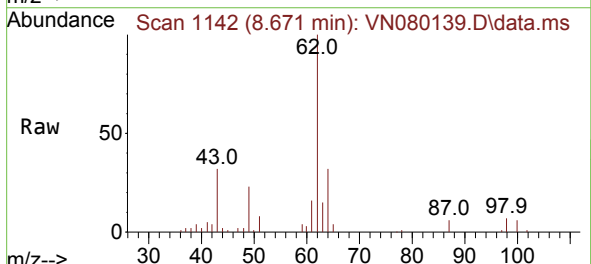


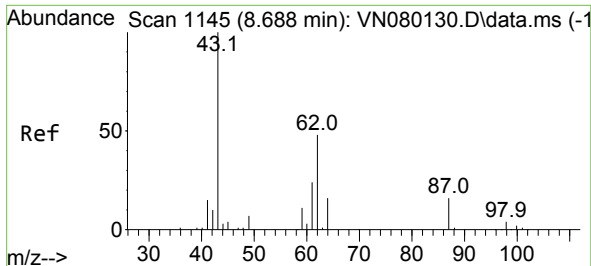
Tgt Ion: 41	Resp: 35150
Ion Ratio	Lower Upper
41 100	
39 62.4	42.6 64.0
67 90.2	77.5 116.3
52 38.4	28.9 43.3



#42
1,2-Dichloroethane
Concen: 19.189 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 62	Resp: 104389
Ion Ratio	Lower Upper
62 100	
98 8.6	0.0 19.8

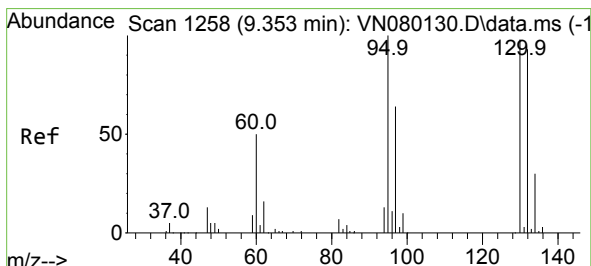
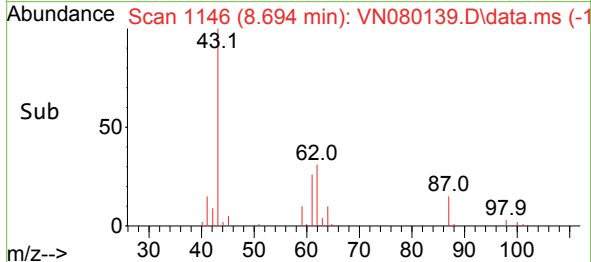
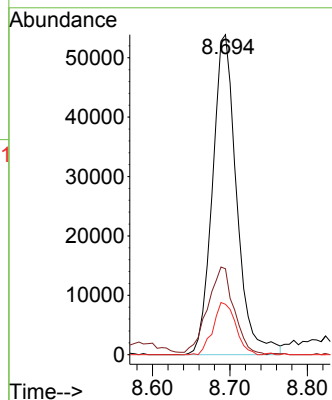
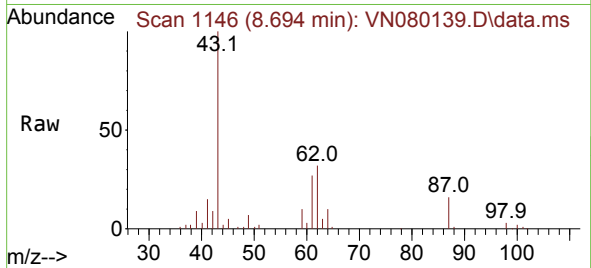




#43
Isopropyl Acetate
Concen: 18.523 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

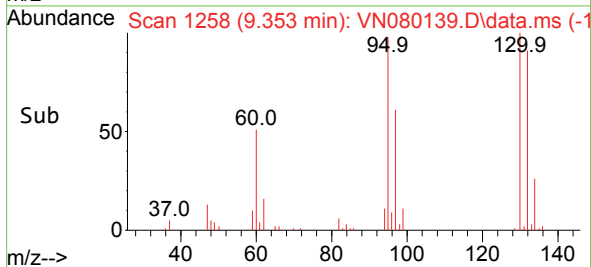
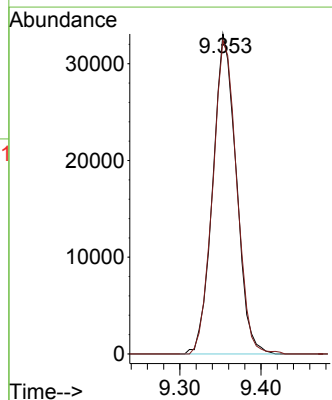
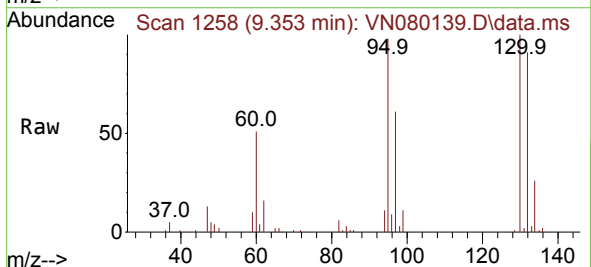
Instrument :
MSVOA_N
ClientSampleId :

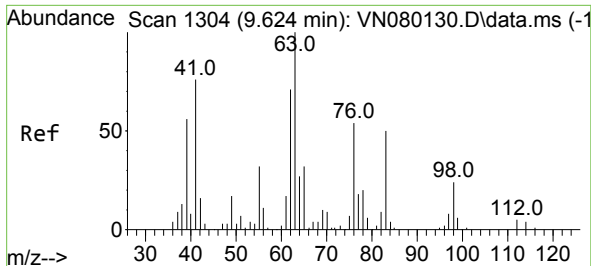
Tgt Ion: 43 Resp: 116972
Ion Ratio Lower Upper
43 100
61 30.1 24.7 37.1
87 15.2 14.6 21.8



#44
Trichloroethene
Concen: 19.039 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion:130 Resp: 66405
Ion Ratio Lower Upper
130 100
95 97.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.908 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

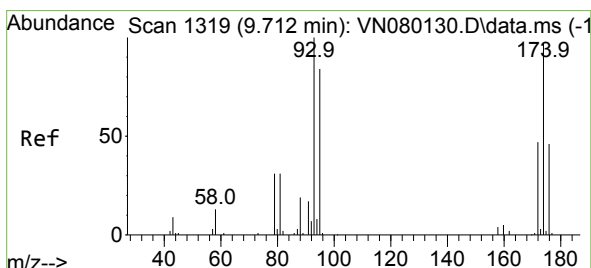
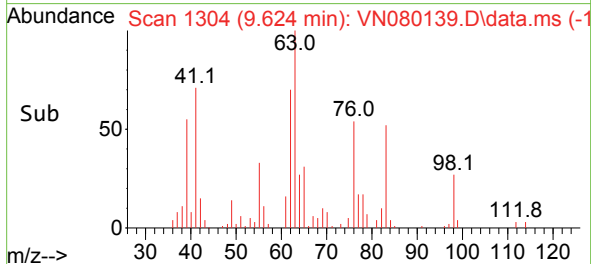
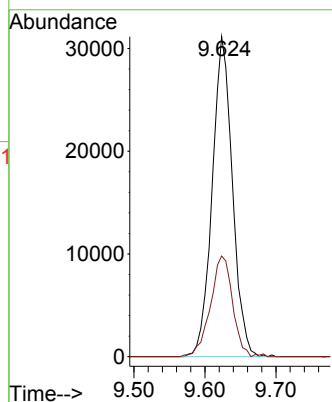
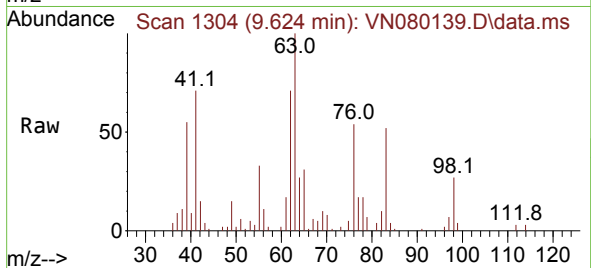
ClientSampleId :

Tgt Ion: 63 Resp: 61516

Ion Ratio Lower Upper

63 100

65 31.5 23.9 35.9



#46

Dibromomethane

Concen: 20.051 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

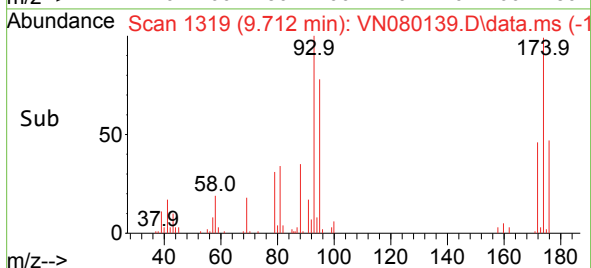
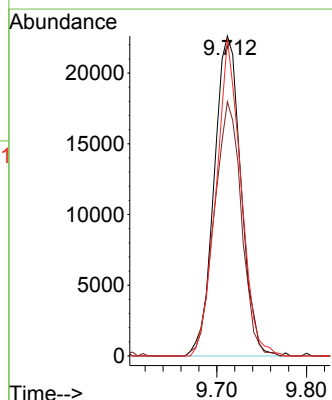
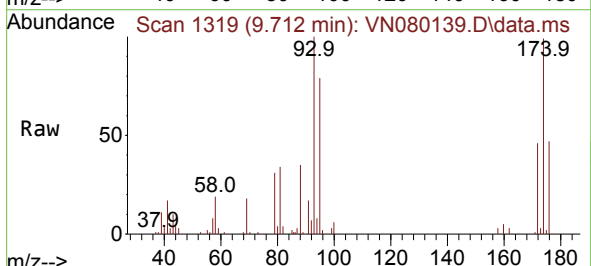
Tgt Ion: 93 Resp: 46900

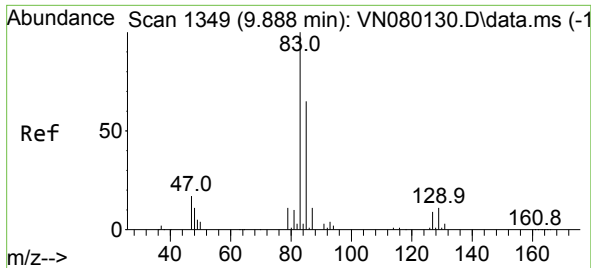
Ion Ratio Lower Upper

93 100

95 80.4 63.8 95.8

174 92.3 65.6 98.4

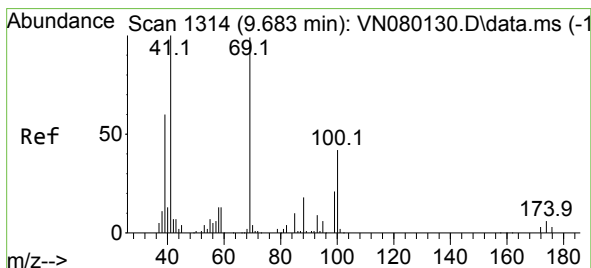
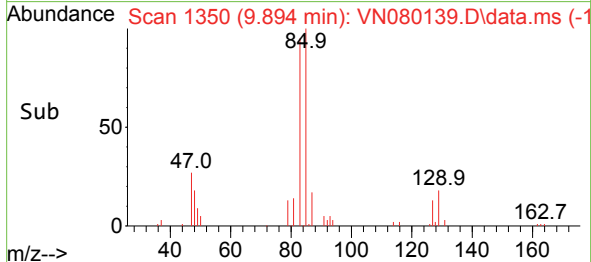
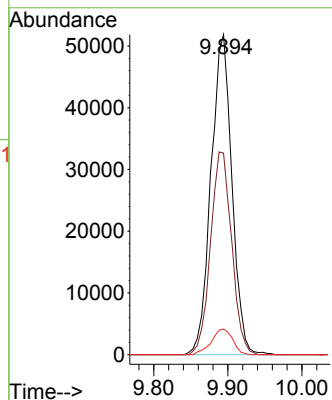
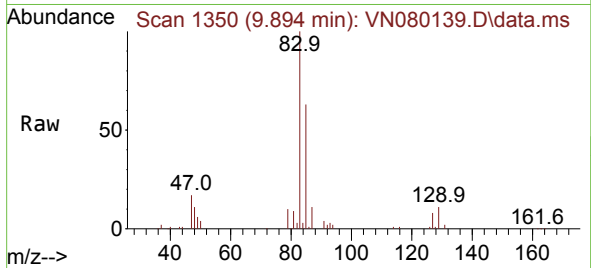




#47
Bromodichloromethane
Concen: 19.739 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

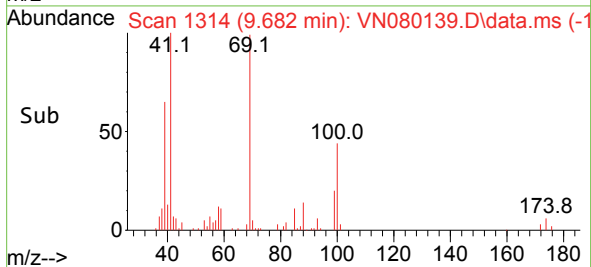
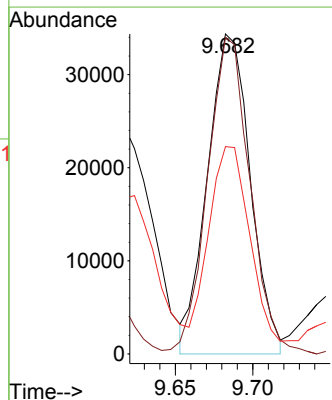
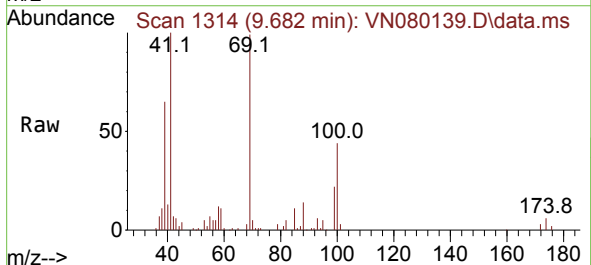
Instrument :
MSVOA_N
ClientSampleId :

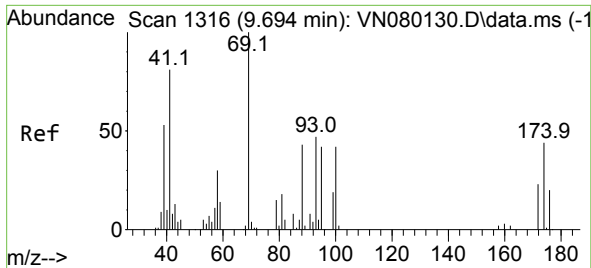
Tgt Ion: 83 Resp: 101563
Ion Ratio Lower Upper
83 100
85 63.0 49.6 74.4
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 20.284 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 41 Resp: 66011
Ion Ratio Lower Upper
41 100
69 98.4 90.4 135.6
39 65.0 54.6 81.8

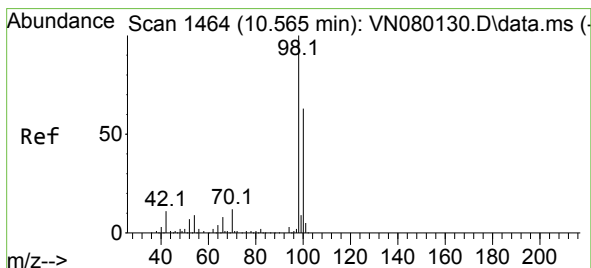
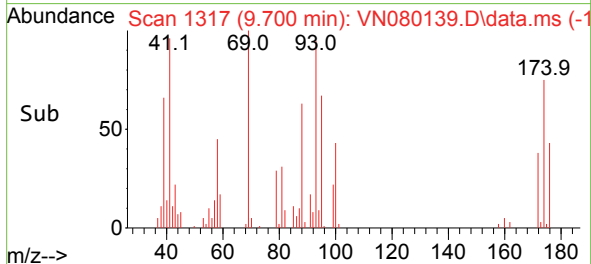
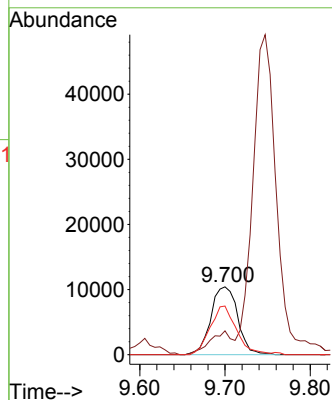
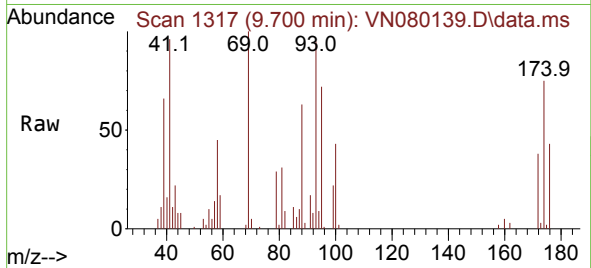




#49
1,4-Dioxane
Concen: 422.149 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

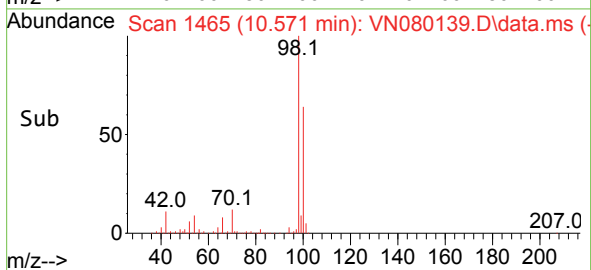
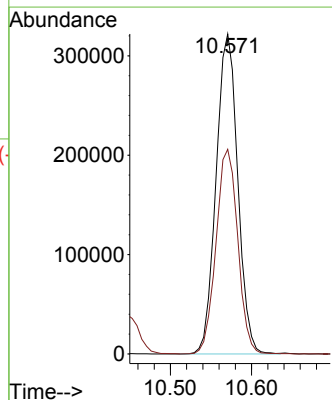
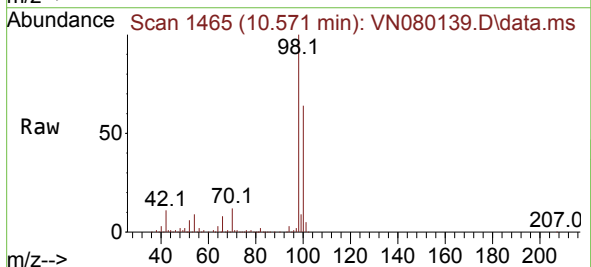
Instrument :
MSVOA_N
ClientSampleId :

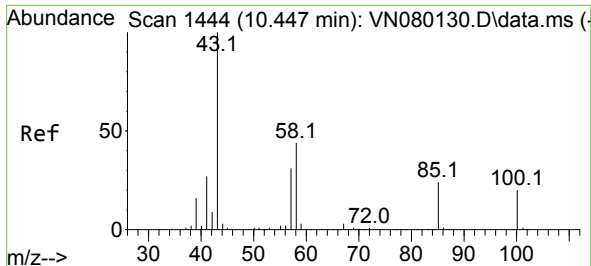
Tgt Ion: 88 Resp: 22855
Ion Ratio Lower Upper
88 100
43 29.5 17.0 25.6#
58 71.1 47.0 70.4#



#50
Toluene-d8
Concen: 51.252 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 98 Resp: 597014
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 105.880 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

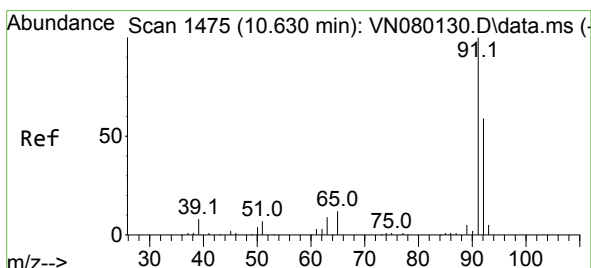
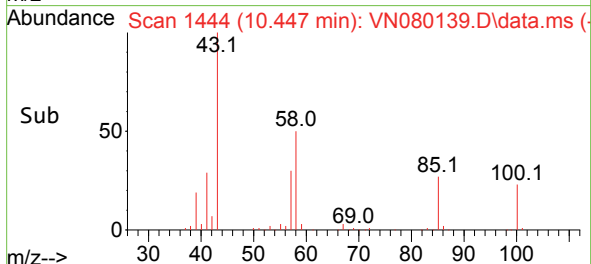
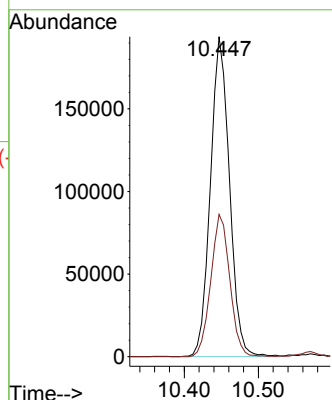
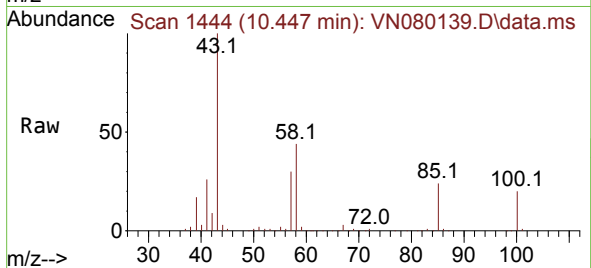
ClientSampleId :

Tgt Ion: 43 Resp: 346162

Ion Ratio Lower Upper

43 100

58 44.4 36.6 54.8



#52

Toluene

Concen: 19.735 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN080139.D

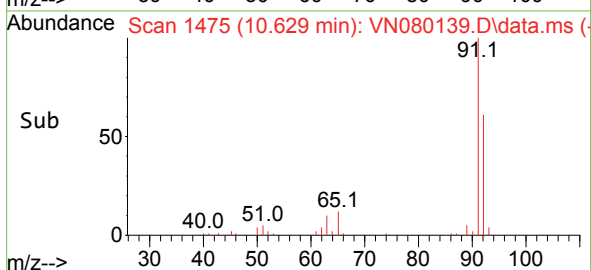
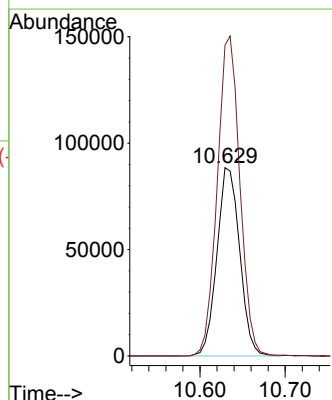
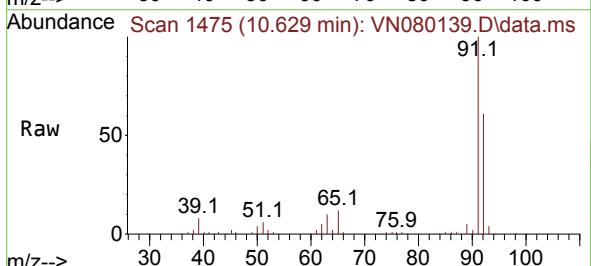
Acq: 16 Nov 2023 17:34

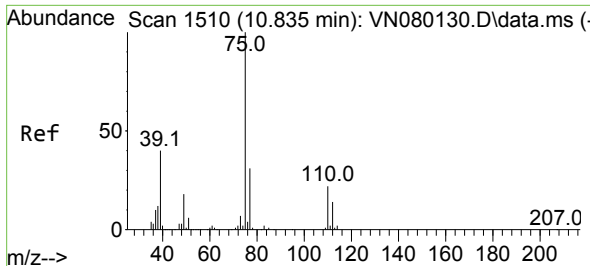
Tgt Ion: 92 Resp: 164223

Ion Ratio Lower Upper

92 100

91 169.1 137.4 206.0

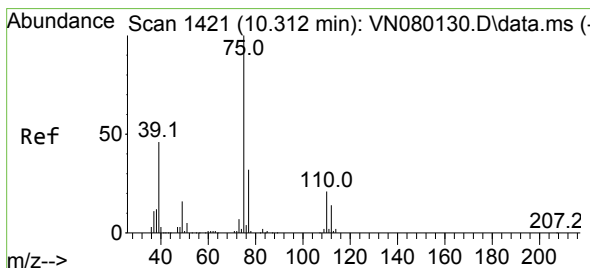
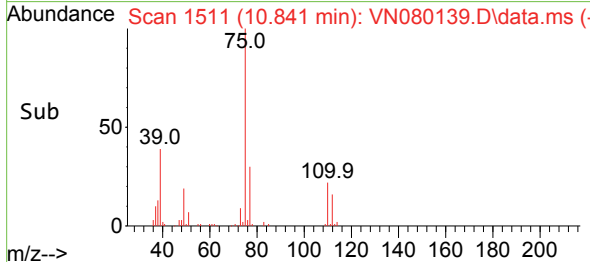
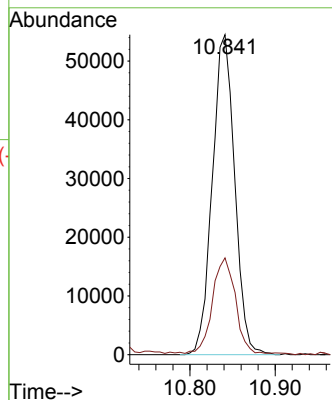
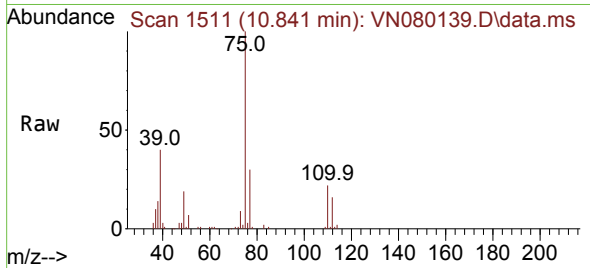




#53
 t-1,3-Dichloropropene
 Concen: 18.775 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.006 min
 Lab File: VN080139.D
 Acq: 16 Nov 2023 17:34

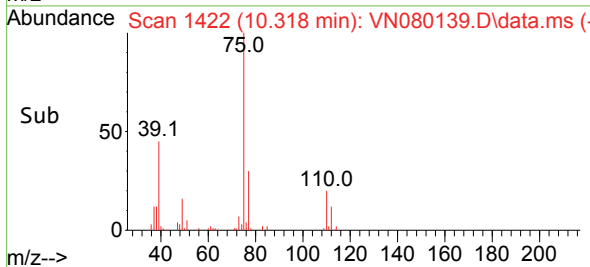
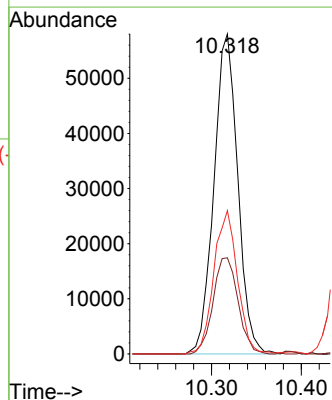
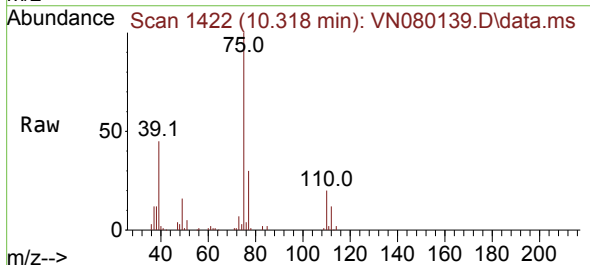
Instrument :
 MSVOA_N
 ClientSampleId :

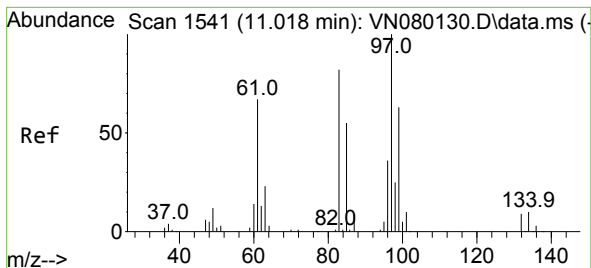
Tgt Ion: 75 Resp: 99252
 Ion Ratio Lower Upper
 75 100
 77 29.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 19.813 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.006 min
 Lab File: VN080139.D
 Acq: 16 Nov 2023 17:34

Tgt Ion: 75 Resp: 107007
 Ion Ratio Lower Upper
 75 100
 77 30.0 26.1 39.1
 39 44.8 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 19.150 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. -0.000 min

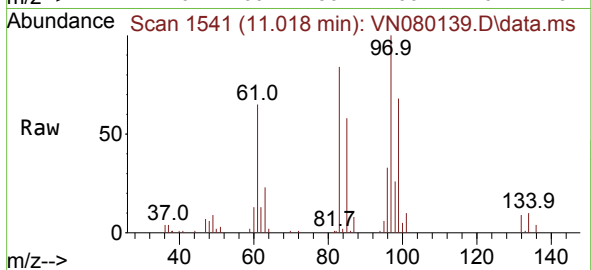
Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 60819

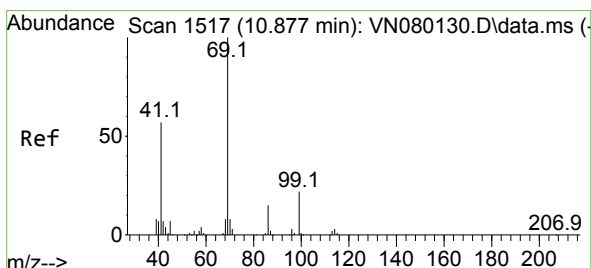
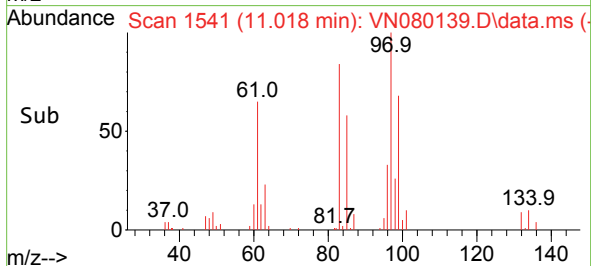
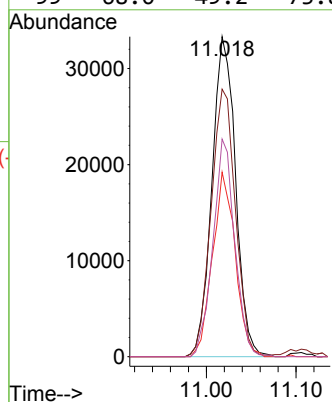
Ion Ratio Lower Upper

97 100

83 83.6 65.1 97.7

85 57.6 43.4 65.2

99 68.0 49.2 73.8



#56

Ethyl methacrylate

Concen: 21.168 ug/l

RT: 10.876 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

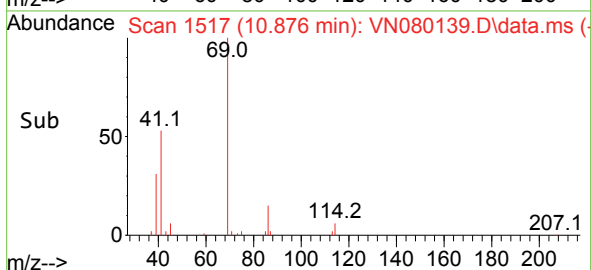
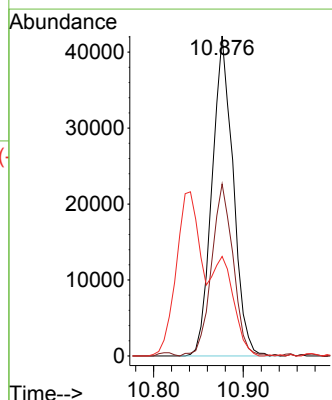
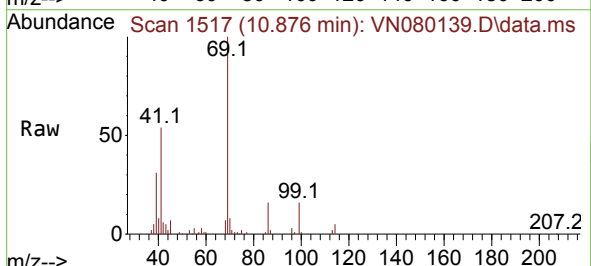
Tgt Ion: 69 Resp: 68681

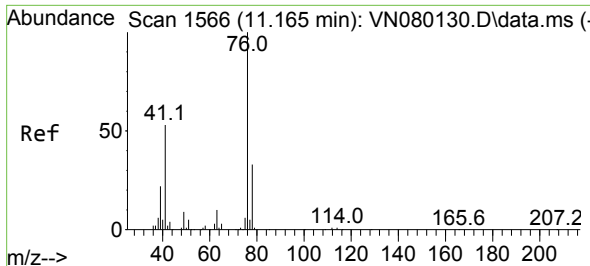
Ion Ratio Lower Upper

69 100

41 55.0 39.6 59.4

39 27.2 28.6 43.0#





#57

1,3-Dichloropropane

Concen: 19.496 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

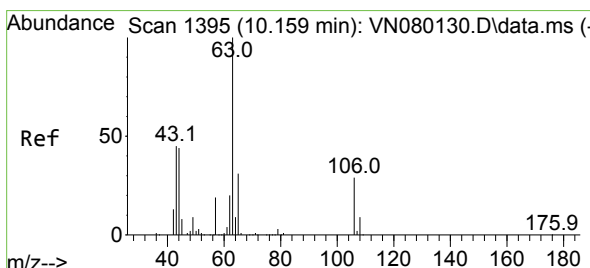
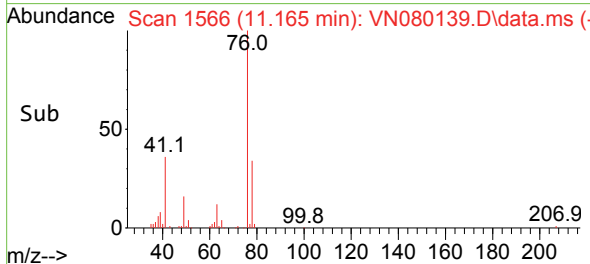
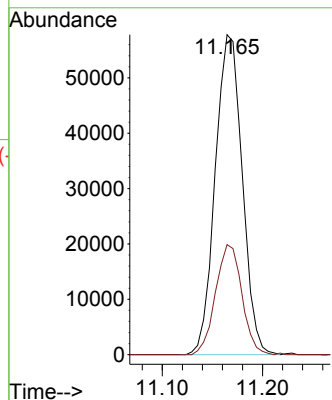
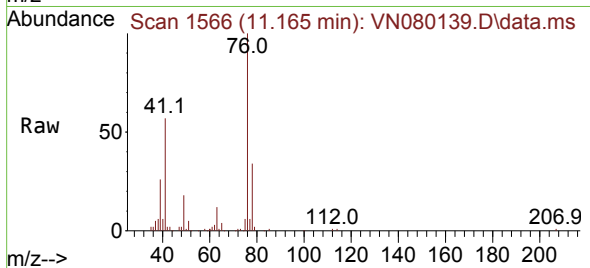
ClientSampleId :

Tgt Ion: 76 Resp: 108110

Ion Ratio Lower Upper

76 100

78 33.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 107.283 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN080139.D

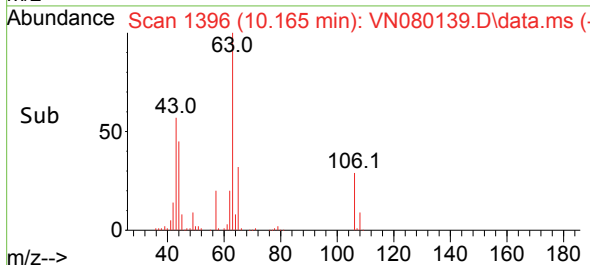
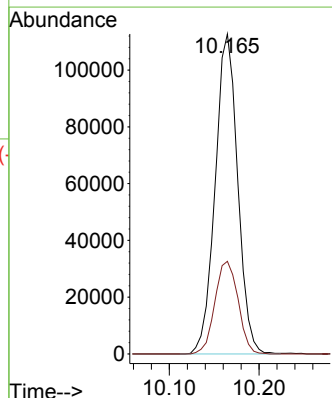
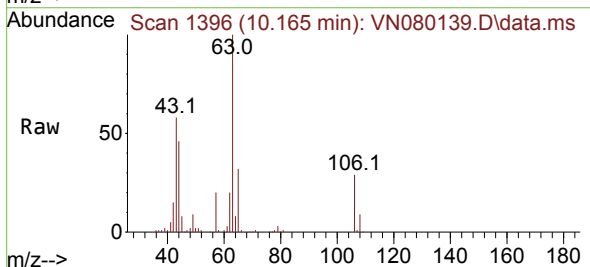
Acq: 16 Nov 2023 17:34

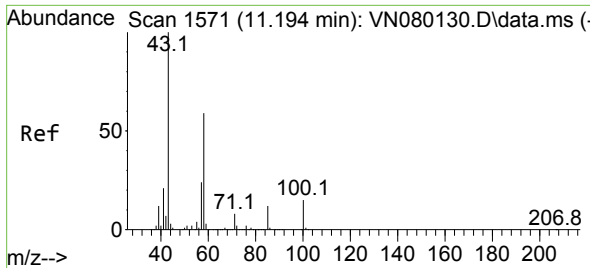
Tgt Ion: 63 Resp: 196102

Ion Ratio Lower Upper

63 100

106 29.8 26.2 39.4

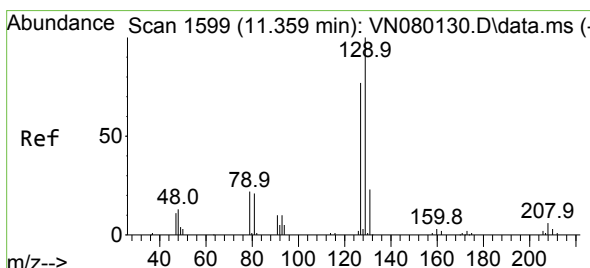
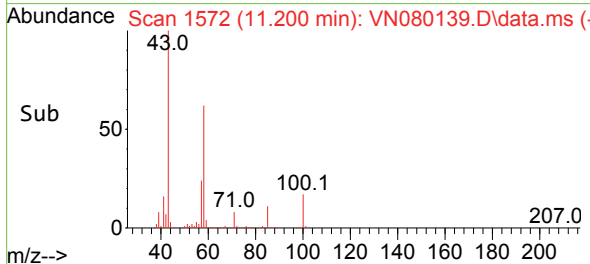
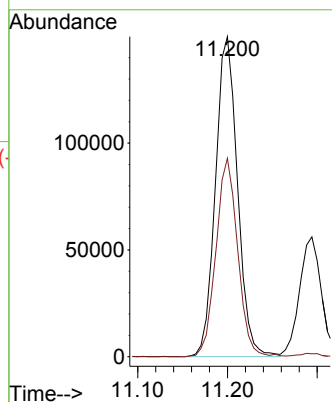
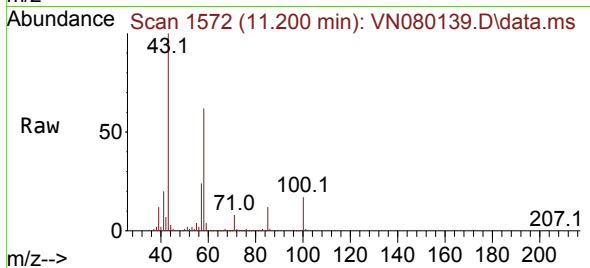




#59
2-Hexanone
Concen: 97.327 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

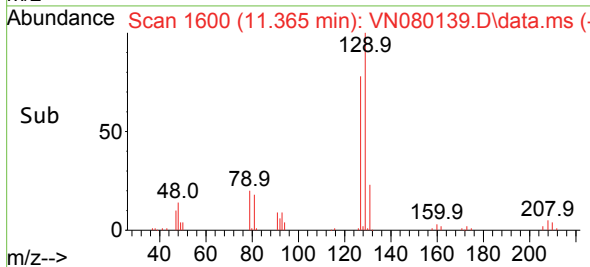
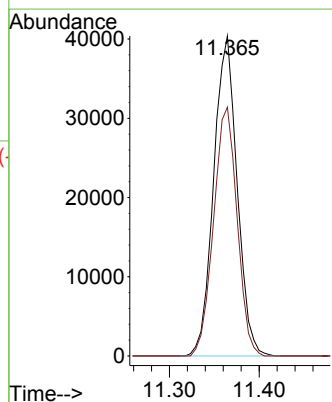
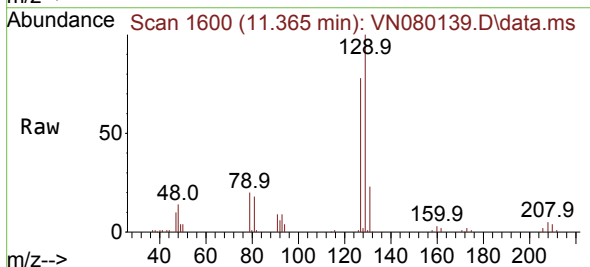
Instrument :
MSVOA_N
ClientSampleId :

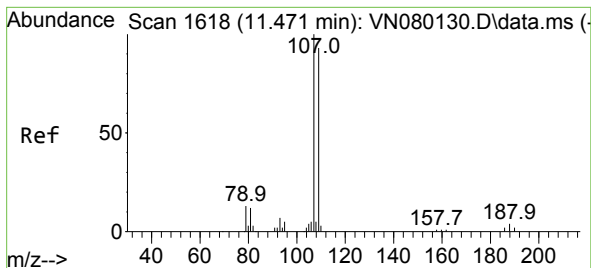
Tgt Ion: 43 Resp: 255693
Ion Ratio Lower Upper
43 100
58 61.1 31.7 95.1



#60
Dibromochloromethane
Concen: 19.263 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 129 Resp: 73246
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

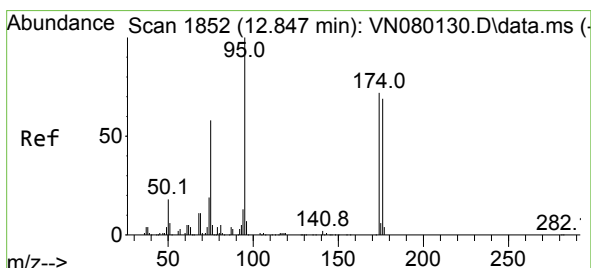
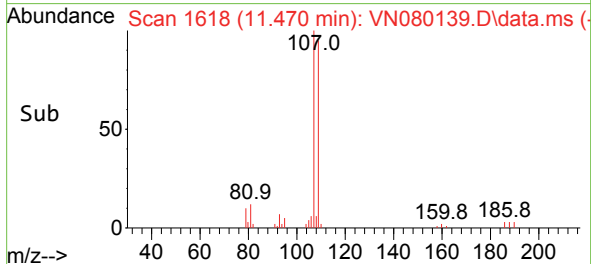
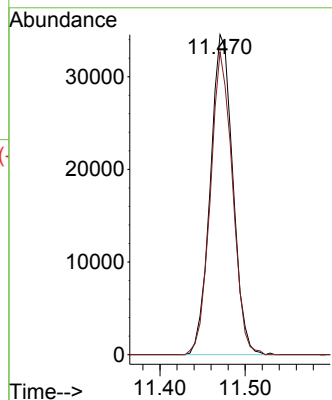
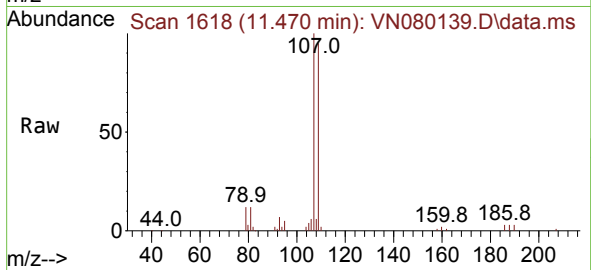




#61
1,2-Dibromoethane
Concen: 19.575 ug/l
RT: 11.470 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

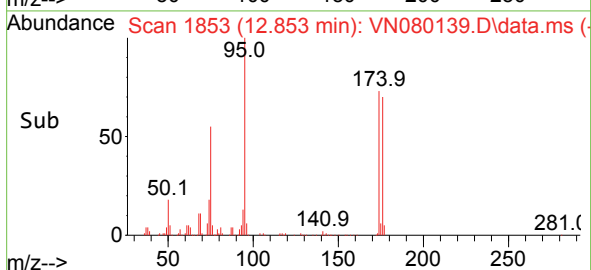
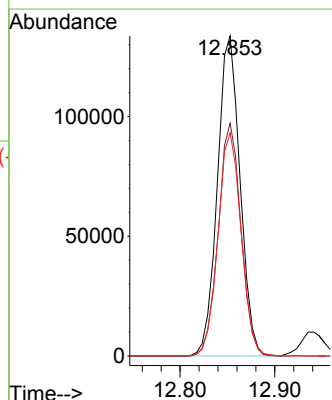
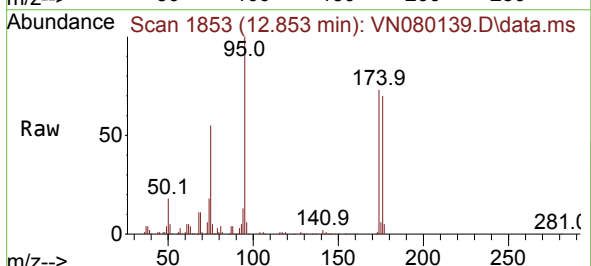
Instrument :
MSVOA_N
ClientSampleId :

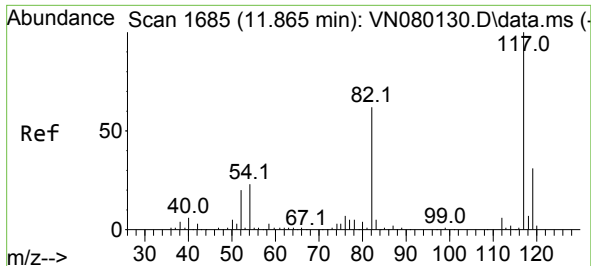
Tgt Ion:107 Resp: 63425
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 50.516 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 95 Resp: 222261
Ion Ratio Lower Upper
95 100
174 72.7 0.0 143.8
176 70.6 0.0 135.8

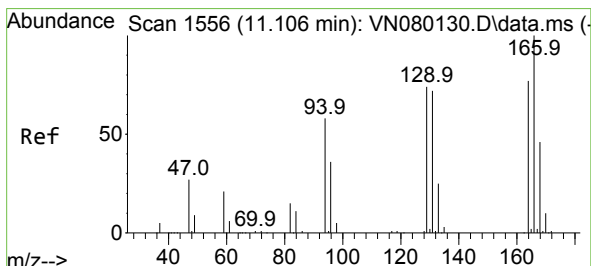
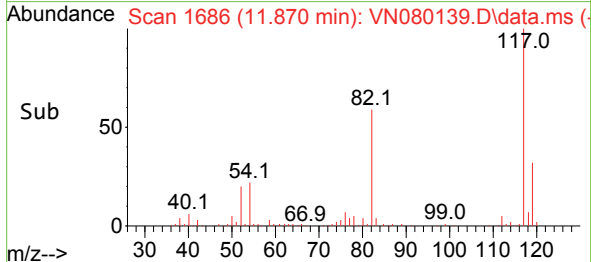
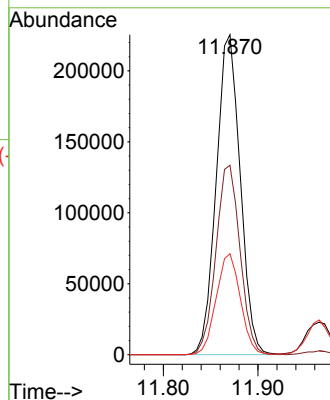
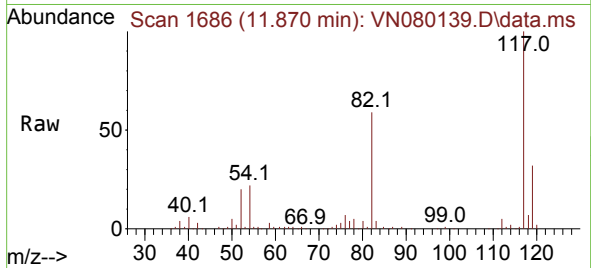




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

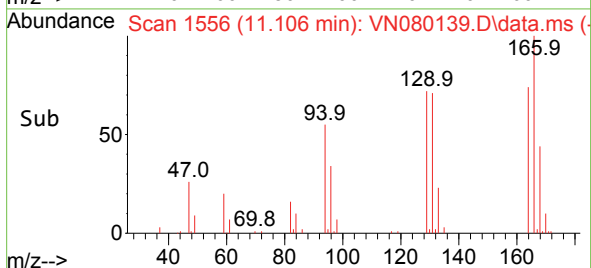
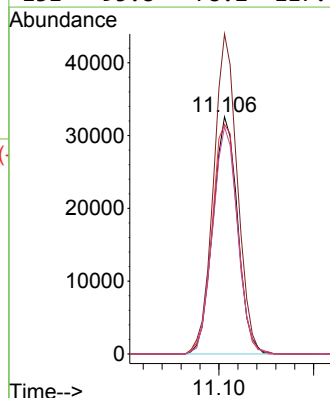
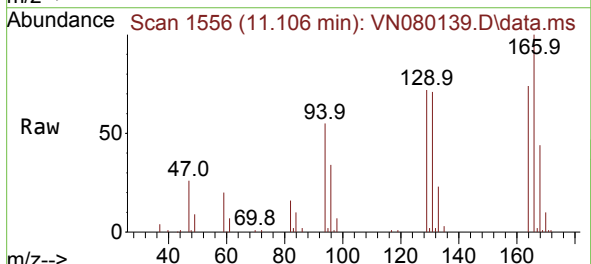
Instrument :
MSVOA_N
ClientSampleId :

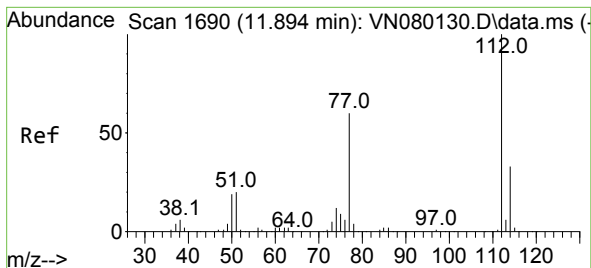
Tgt Ion:117 Resp: 397769
Ion Ratio Lower Upper
117 100
82 59.2 44.0 66.0
119 31.6 25.6 38.4



#64
Tetrachloroethene
Concen: 19.370 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion:164 Resp: 58801
Ion Ratio Lower Upper
164 100
166 135.0 101.4 152.0
129 96.9 82.4 123.6
131 95.8 78.2 117.4





#65

Chlorobenzene

Concen: 18.378 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

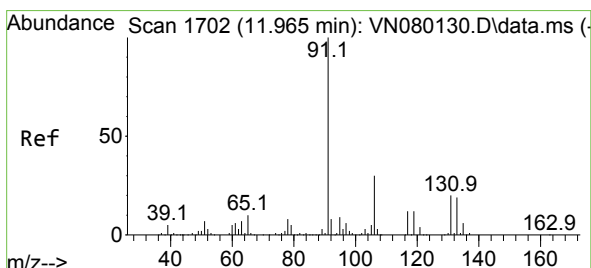
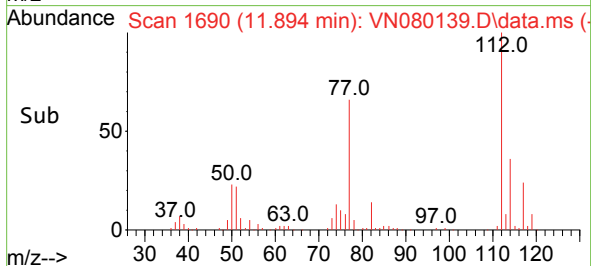
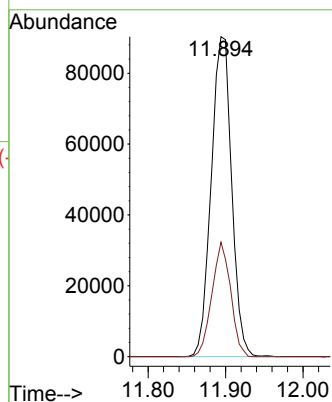
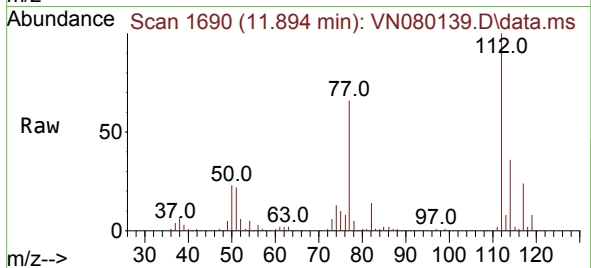
ClientSampleId :

Tgt Ion:112 Resp: 165646

Ion Ratio Lower Upper

112 100

114 35.7 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 19.350 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

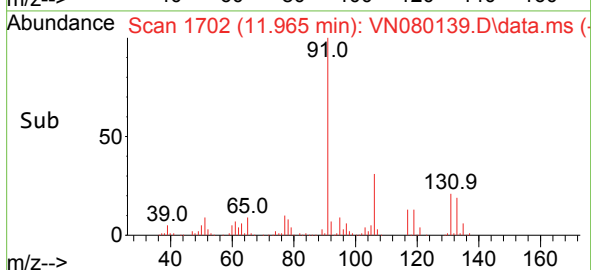
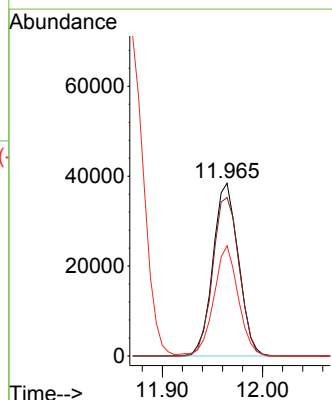
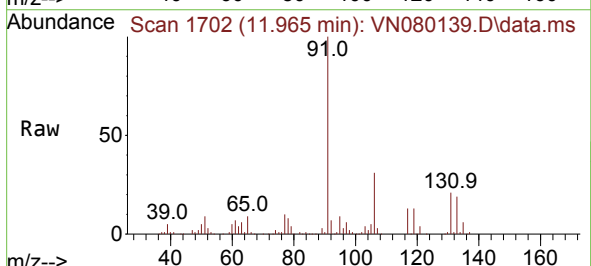
Tgt Ion:131 Resp: 67679

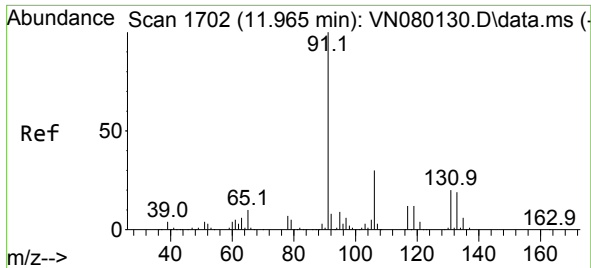
Ion Ratio Lower Upper

131 100

133 95.3 46.4 139.1

119 61.1 34.1 102.2

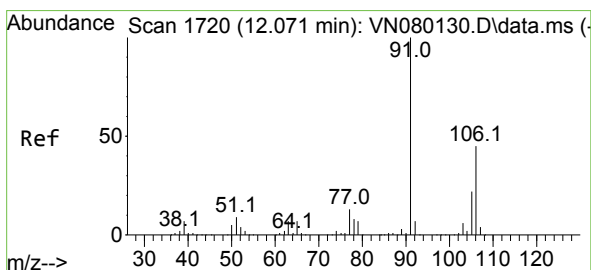
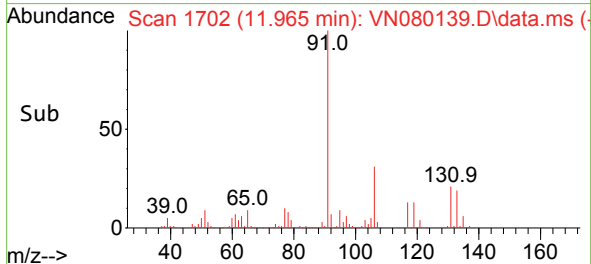
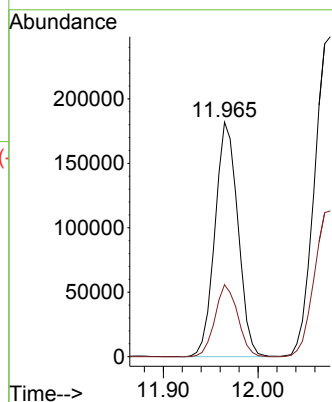
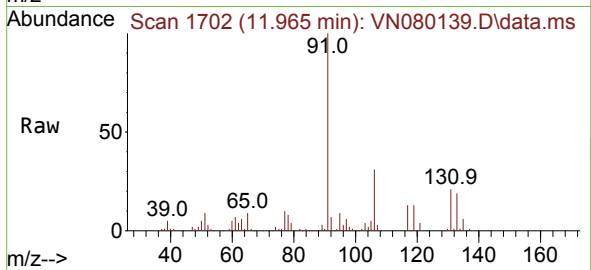




#67
Ethyl Benzene
Concen: 19.102 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

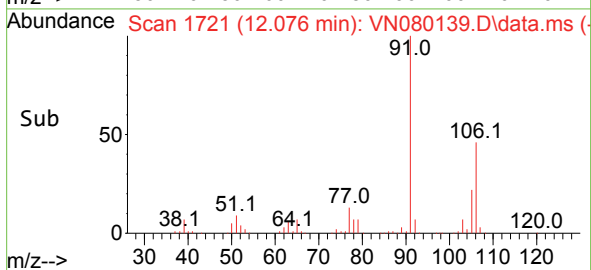
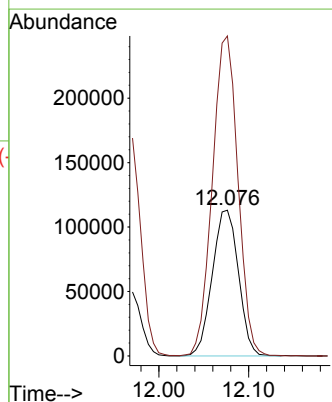
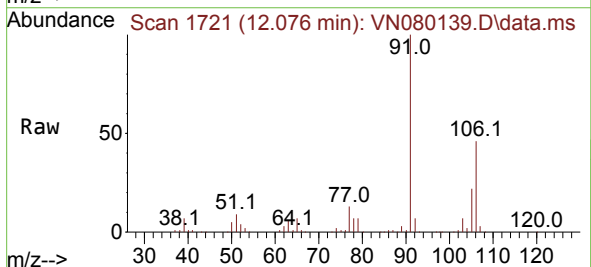
Instrument :
MSVOA_N
ClientSampleId :

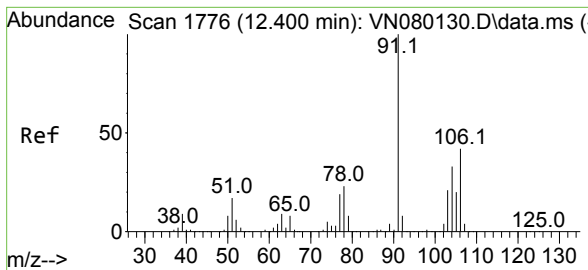
Tgt Ion: 91 Resp: 306365
Ion Ratio Lower Upper
91 100
106 30.7 25.6 38.4



#68
m/p-Xylenes
Concen: 39.162 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion:106 Resp: 229010
Ion Ratio Lower Upper
106 100
91 214.2 159.6 239.4

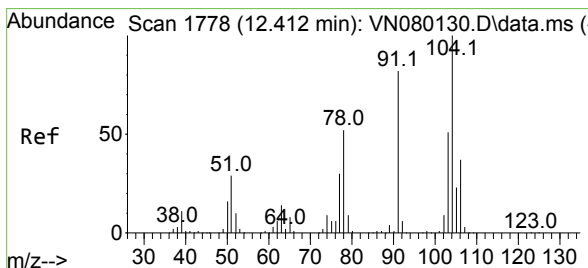
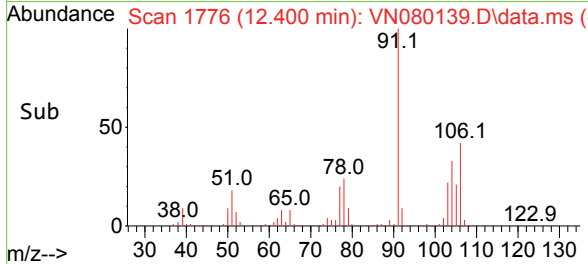
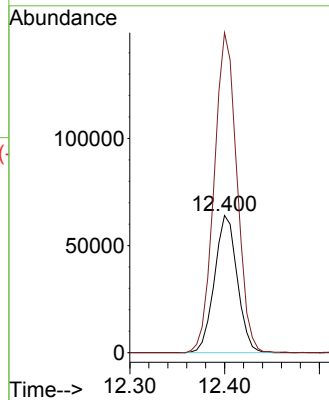
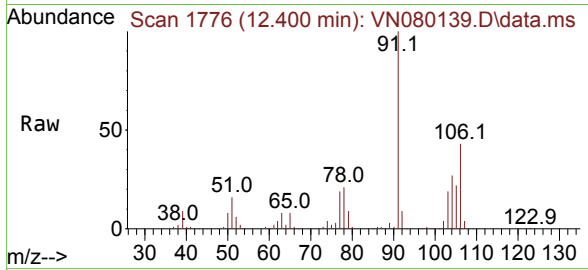




#69
o-Xylene
Concen: 19.406 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

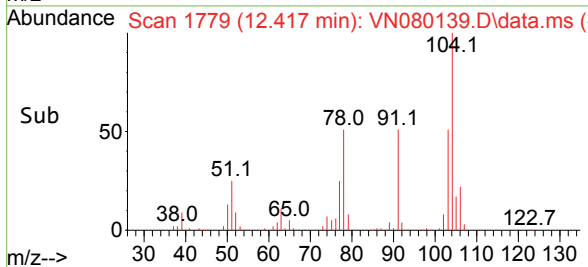
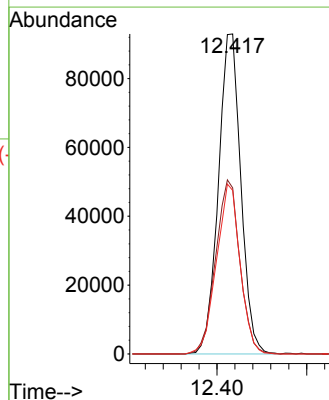
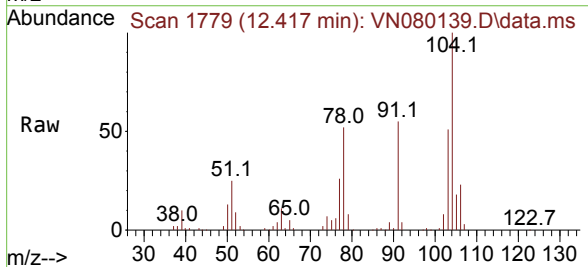
Instrument :
MSVOA_N
ClientSampleId :

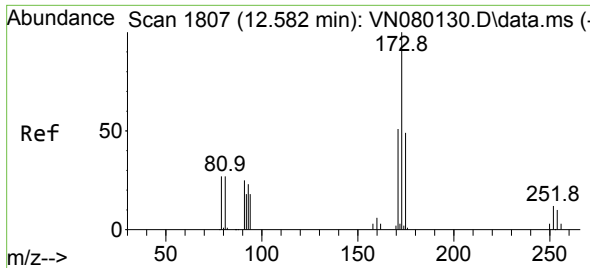
Tgt Ion:106 Resp: 106948
Ion Ratio Lower Upper
106 100
91 233.5 105.2 315.5



#70
Styrene
Concen: 19.727 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

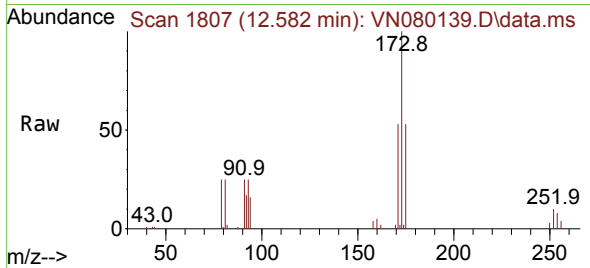
Tgt Ion:104 Resp: 161809
Ion Ratio Lower Upper
104 100
78 58.6 39.5 59.3
103 55.7 43.2 64.8



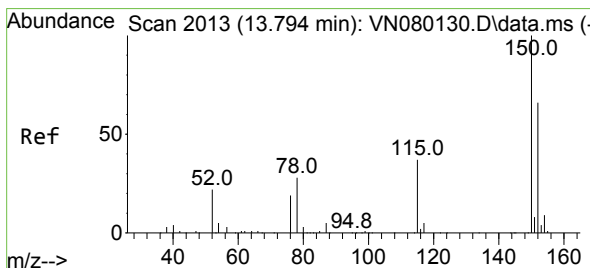
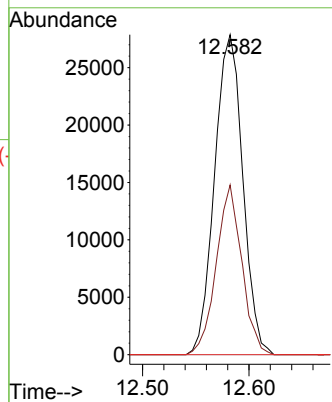
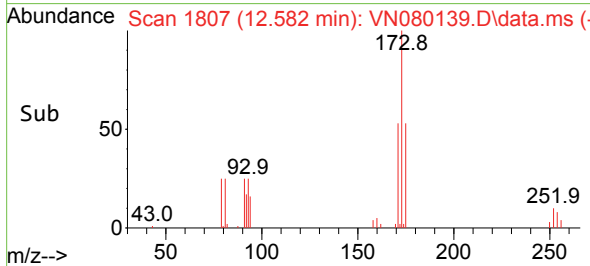


#71
Bromoform
Concen: 19.753 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Instrument :
MSVOA_N
ClientSampleId :

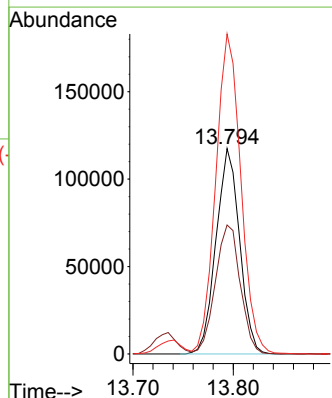
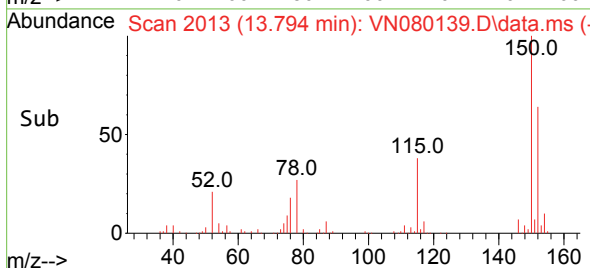
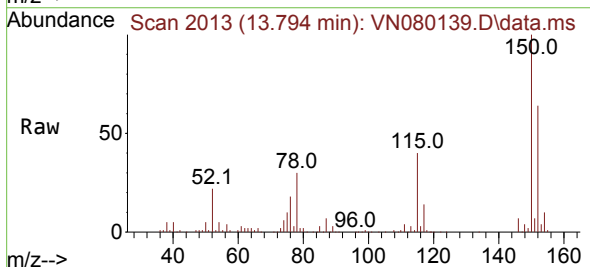


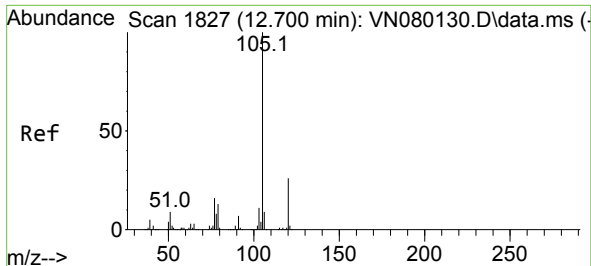
Tgt Ion:173 Resp: 51235
Ion Ratio Lower Upper
173 100
175 48.0 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion:152 Resp: 191639
Ion Ratio Lower Upper
152 100
115 66.6 32.3 96.8
150 166.1 0.0 355.8

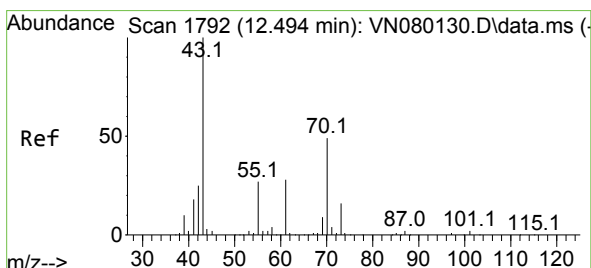
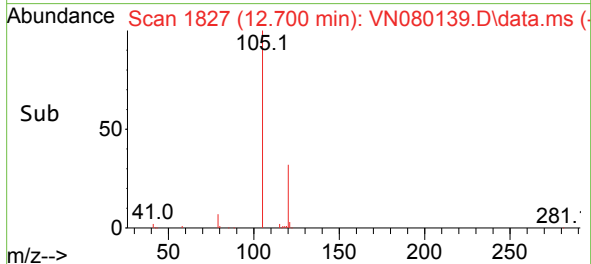
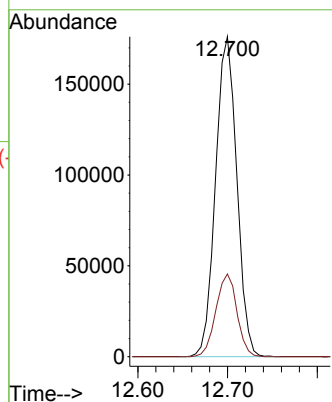
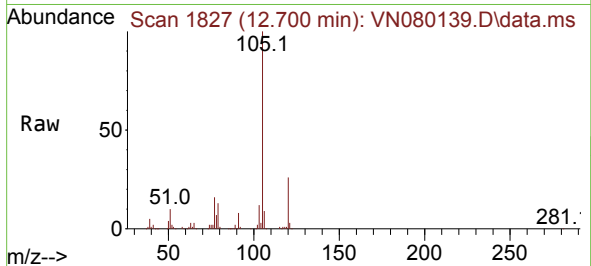




#73
Isopropylbenzene
Concen: 19.419 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

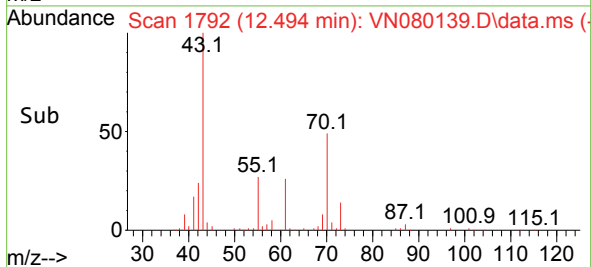
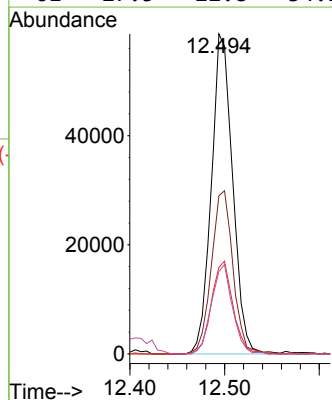
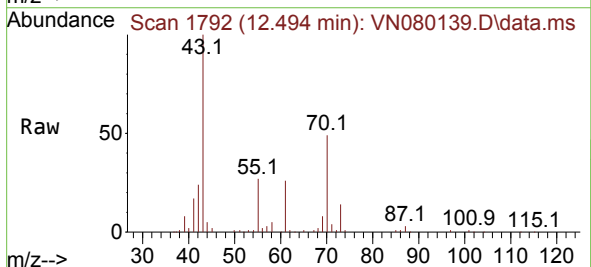
Instrument :
MSVOA_N
ClientSampleId :

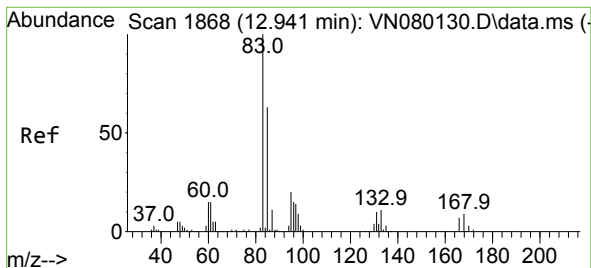
Tgt Ion:105 Resp: 289179
Ion Ratio Lower Upper
105 100
120 25.6 13.1 39.1



#74
N-ethyl acetate
Concen: 19.779 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 43 Resp: 91854
Ion Ratio Lower Upper
43 100
70 51.7 43.4 65.2
55 29.5 21.4 32.0
61 27.5 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.988 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

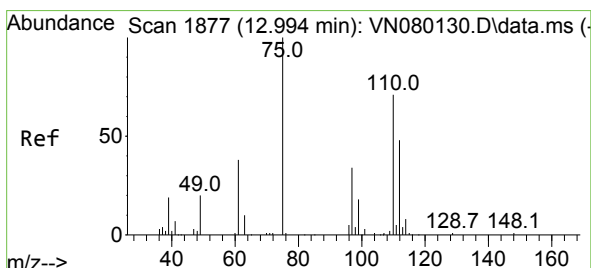
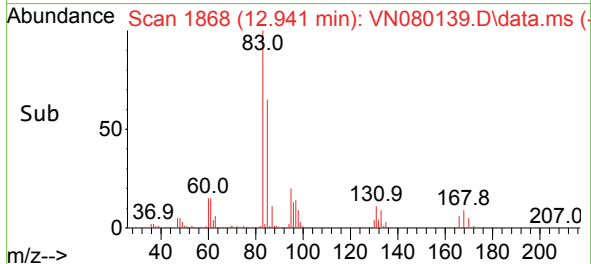
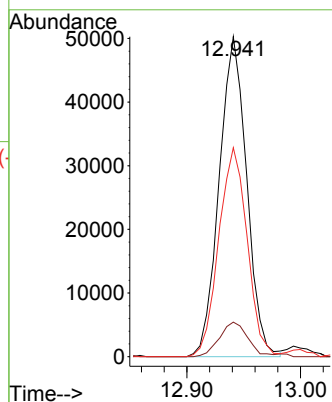
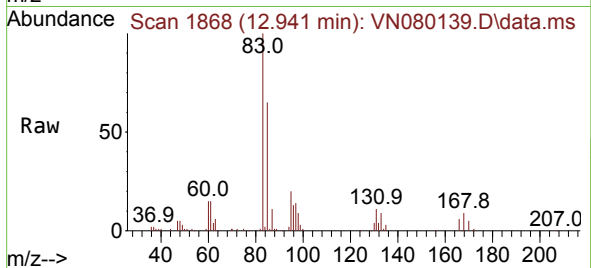
Tgt Ion: 83 Resp: 84630

Ion Ratio Lower Upper

83 100

131 11.5 5.0 15.0

85 67.5 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 24.949 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VN080139.D

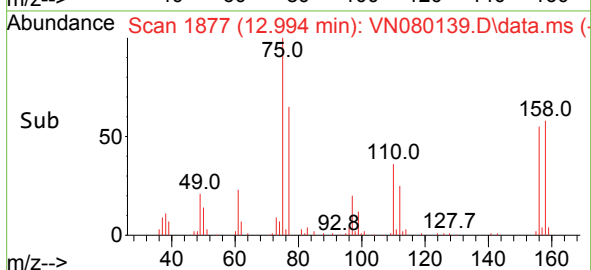
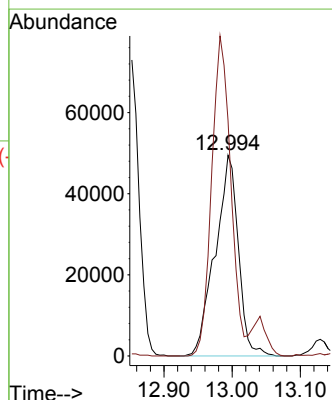
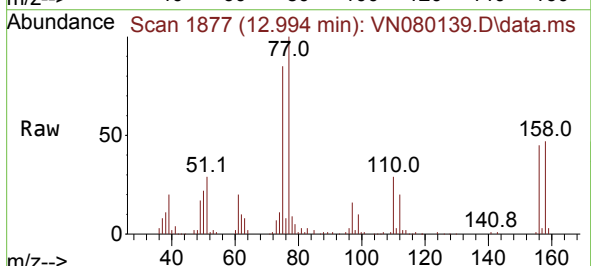
Acq: 16 Nov 2023 17:34

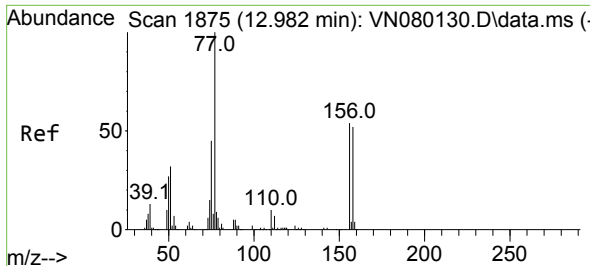
Tgt Ion: 75 Resp: 117146

Ion Ratio Lower Upper

75 100

77 132.5 84.5 253.5

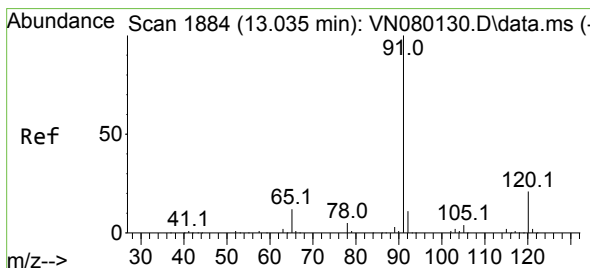
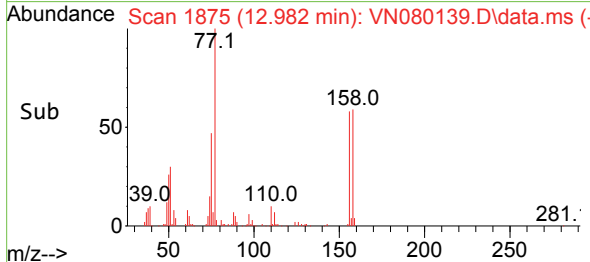
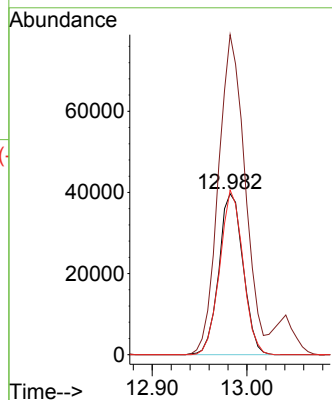
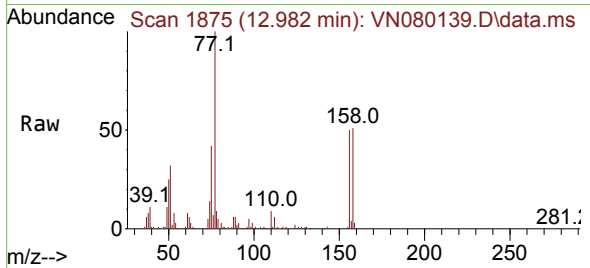




#77
Bromobenzene
Concen: 18.807 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

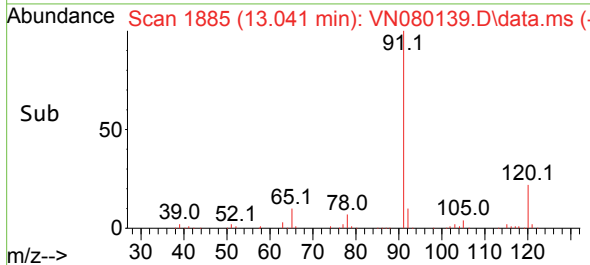
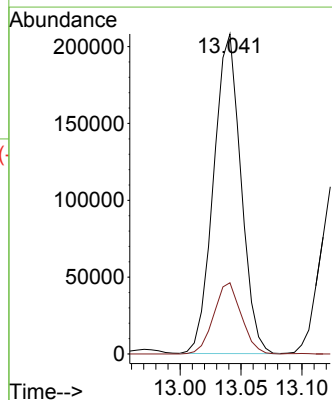
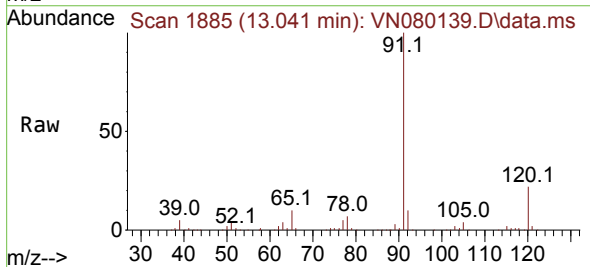
Instrument :
MSVOA_N
ClientSampleId :

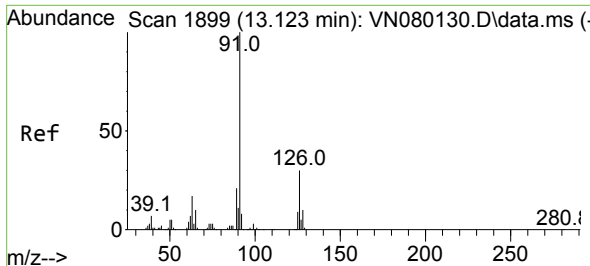
Tgt Ion:156 Resp: 70610
Ion Ratio Lower Upper
156 100
77 219.9 107.7 323.3
158 98.0 48.4 145.3



#78
n-propylbenzene
Concen: 19.536 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 91 Resp: 325319
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4

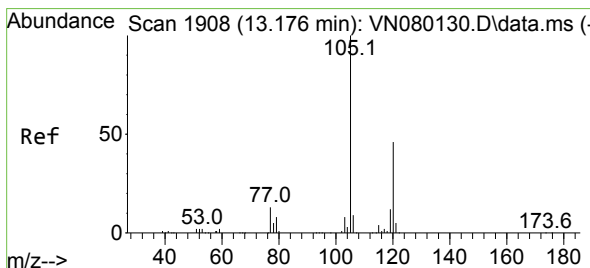
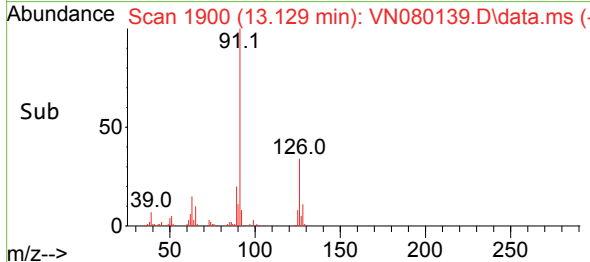
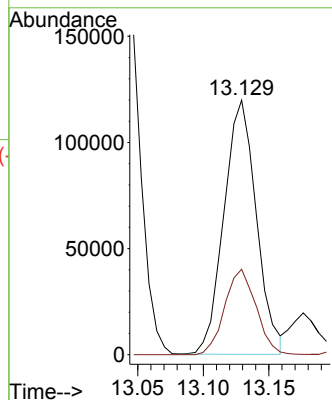
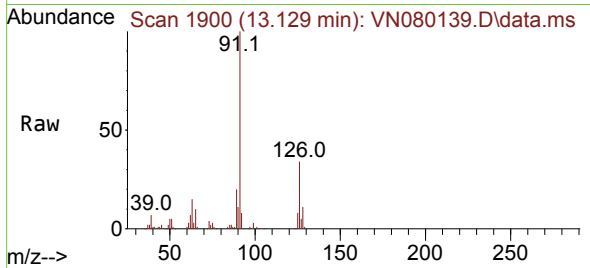




#79
2-Chlorotoluene
Concen: 19.061 ug/l
RT: 13.129 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

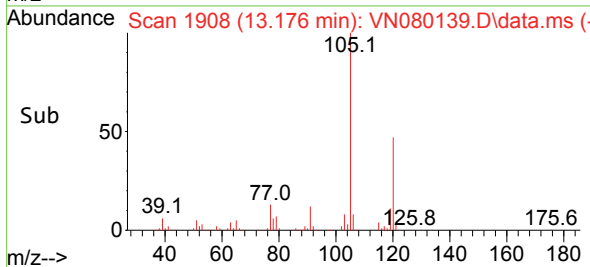
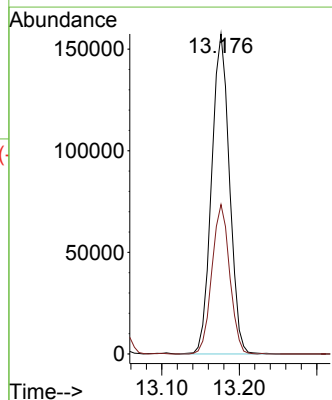
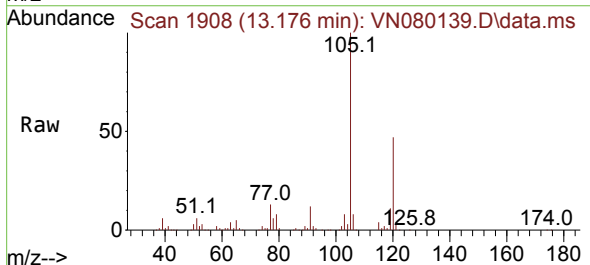
Instrument :
MSVOA_N
ClientSampleId :

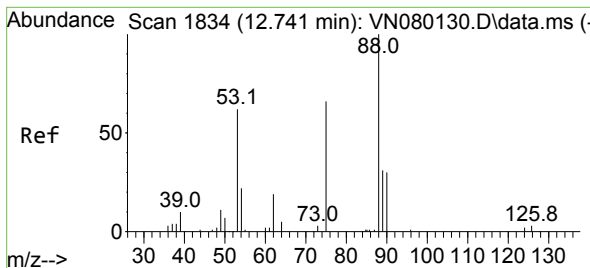
Tgt Ion: 91 Resp: 206158
Ion Ratio Lower Upper
91 100
126 32.5 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 19.467 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion:105 Resp: 252352
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.3

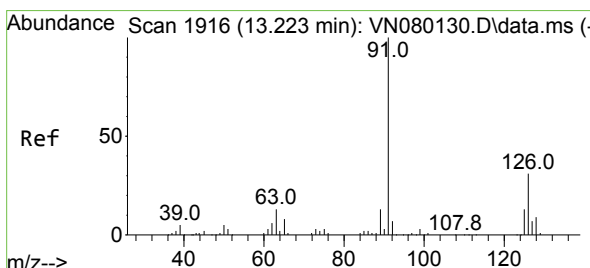
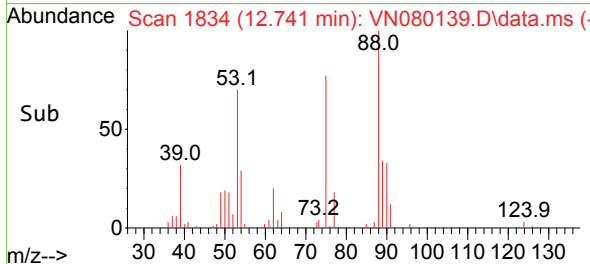
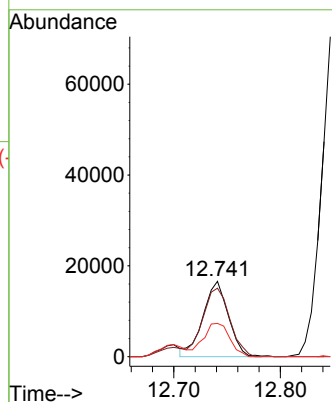
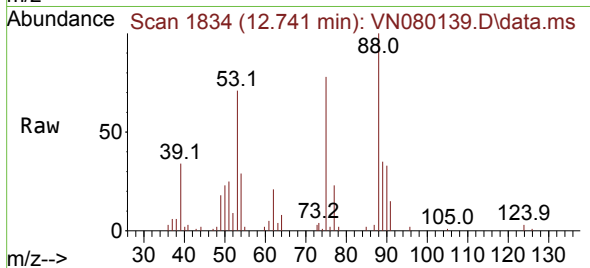




#81
trans-1,4-Dichloro-2-butene
Concen: 19.874 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

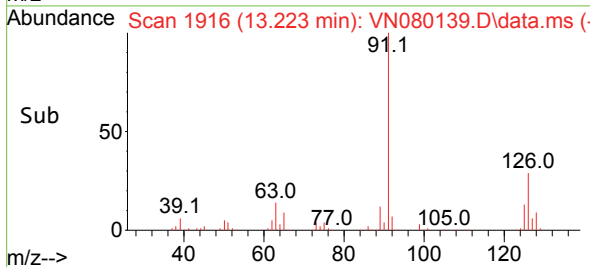
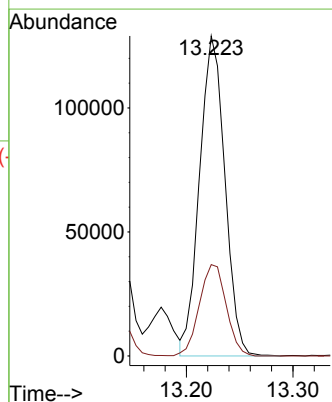
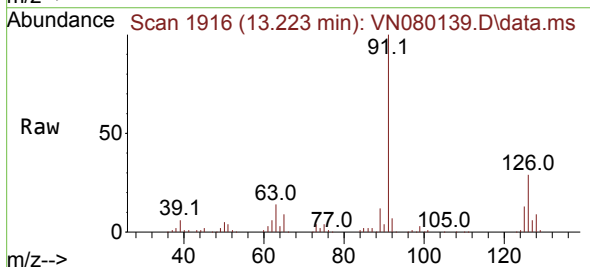
Instrument :
MSVOA_N
ClientSampleId :

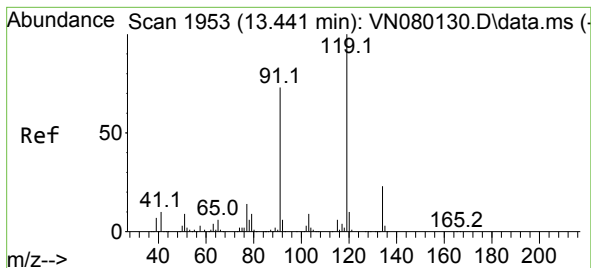
Tgt Ion: 75 Resp: 27620
Ion Ratio Lower Upper
75 100
53 96.2 67.4 101.2
89 46.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 19.275 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN080139.D
Acq: 16 Nov 2023 17:34

Tgt Ion: 91 Resp: 213570
Ion Ratio Lower Upper
91 100
126 30.3 16.7 50.0





#83

tert-Butylbenzene

Concen: 18.943 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

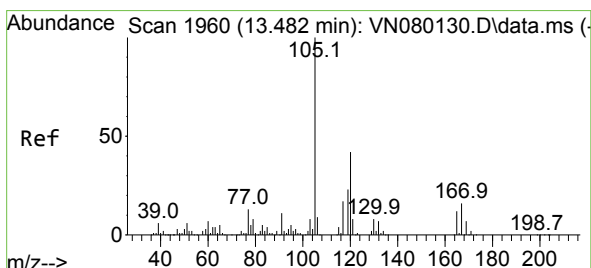
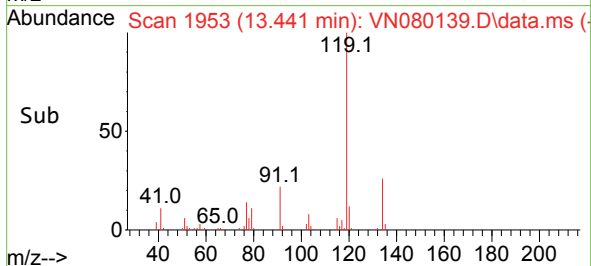
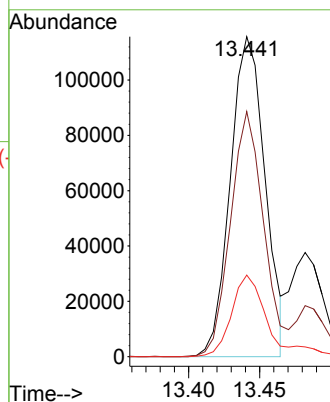
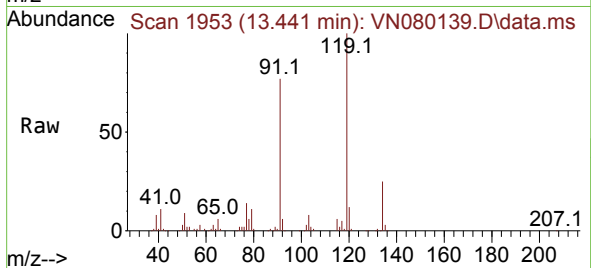
Tgt Ion:119 Resp: 196924

Ion Ratio Lower Upper

119 100

91 73.9 33.9 101.7

134 26.3 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.403 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080139.D

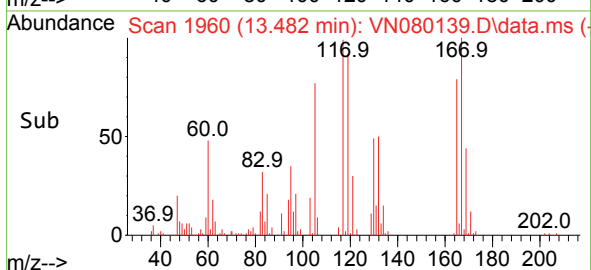
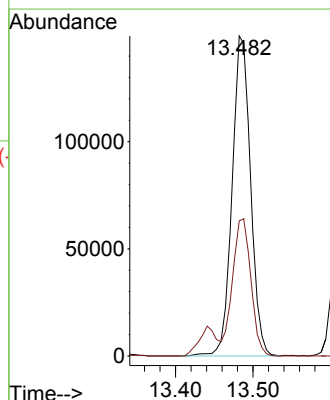
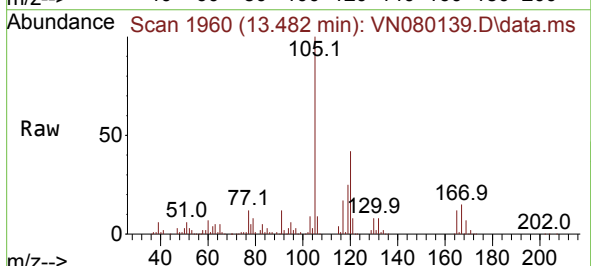
Acq: 16 Nov 2023 17:34

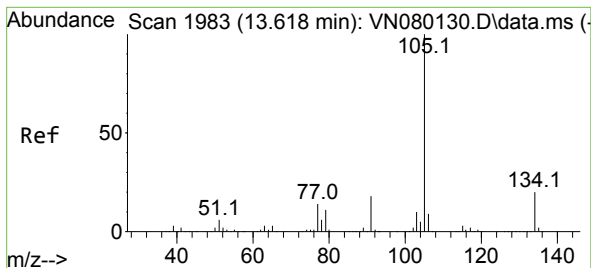
Tgt Ion:105 Resp: 247671

Ion Ratio Lower Upper

105 100

120 42.8 22.0 66.0





#85

sec-Butylbenzene

Concen: 19.414 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

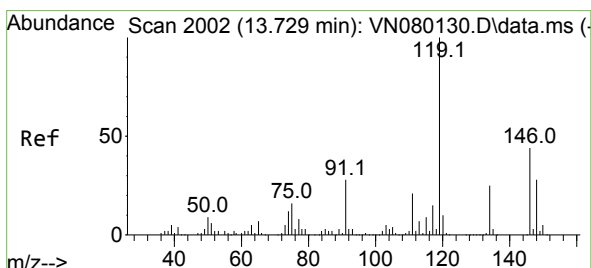
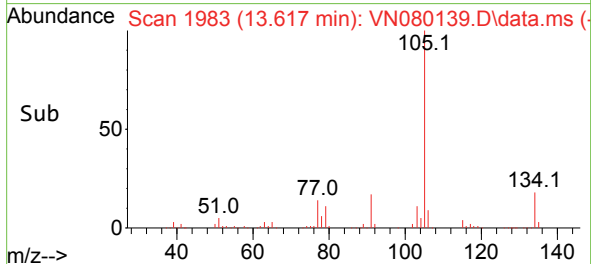
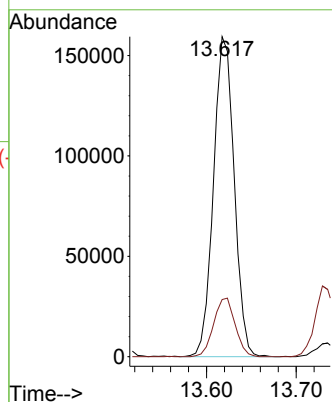
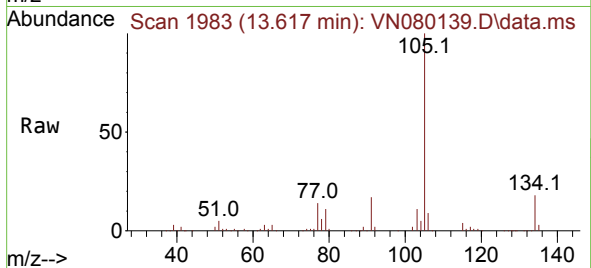
ClientSampleId :

Tgt Ion:105 Resp: 255305

Ion Ratio Lower Upper

105 100

134 19.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 19.393 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

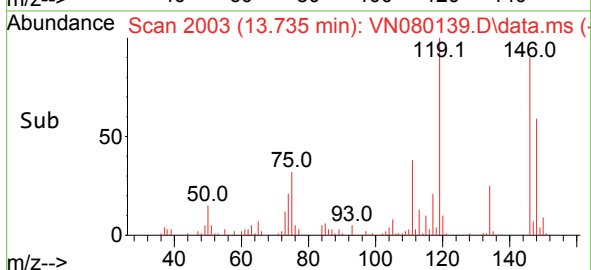
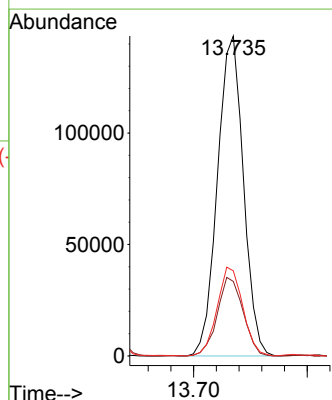
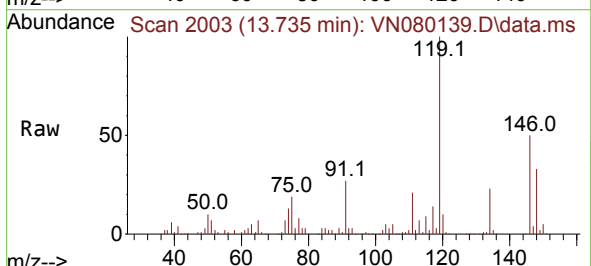
Tgt Ion:119 Resp: 227816

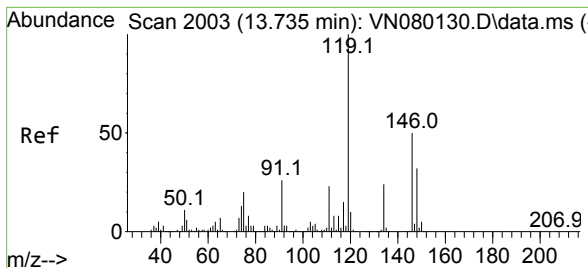
Ion Ratio Lower Upper

119 100

134 24.4 12.6 37.8

91 27.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 18.332 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

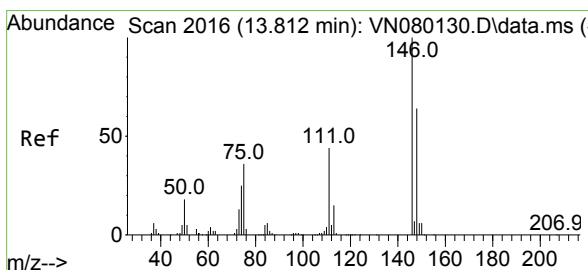
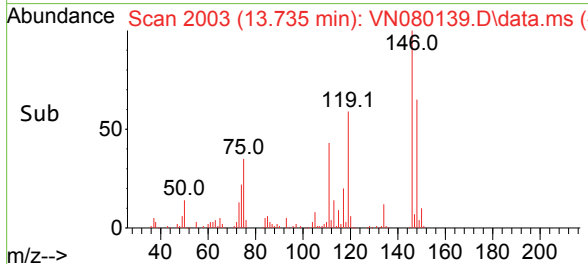
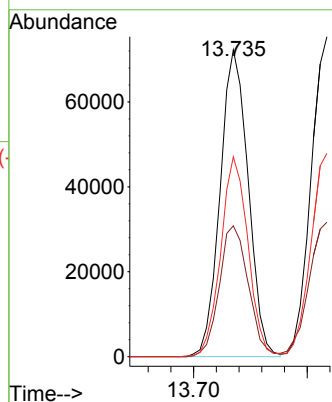
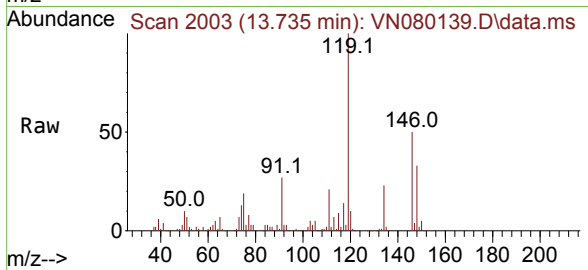
Tgt Ion:146 Resp: 124007

Ion Ratio Lower Upper

146 100

111 44.0 22.1 66.3

148 63.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 18.277 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

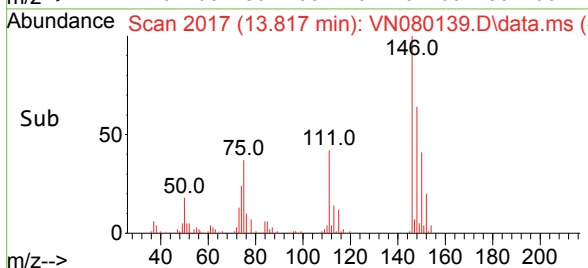
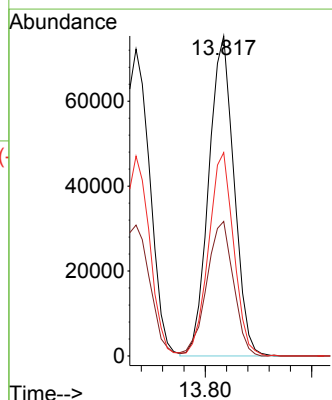
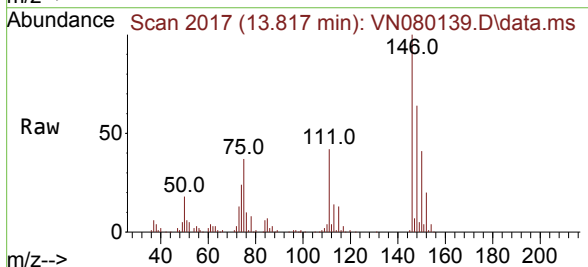
Tgt Ion:146 Resp: 124247

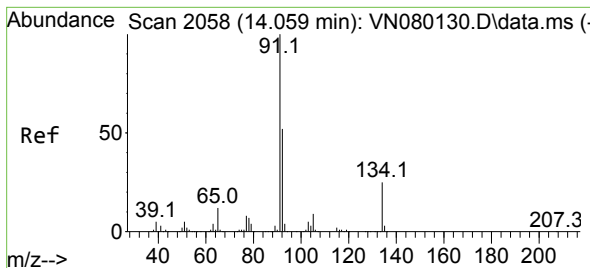
Ion Ratio Lower Upper

146 100

111 44.6 20.6 61.8

148 63.3 31.6 94.8





#89

n-Butylbenzene

Concen: 18.413 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

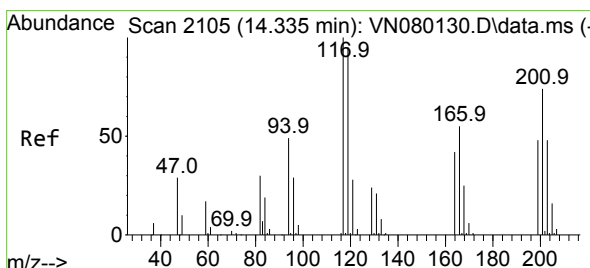
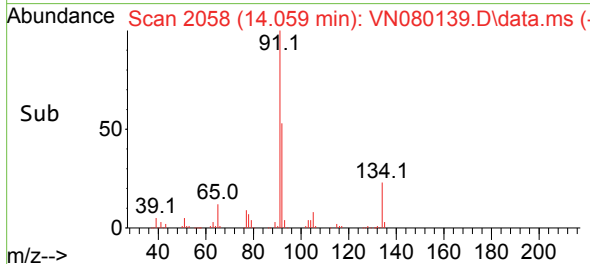
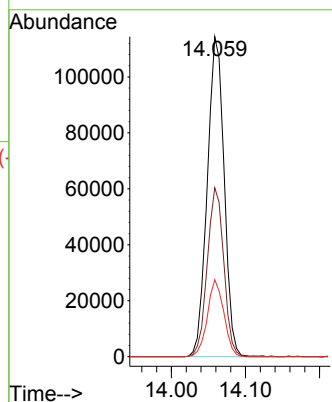
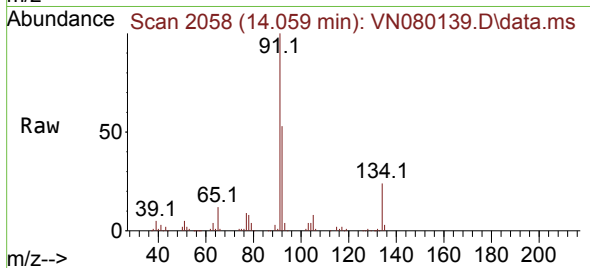
Tgt Ion: 91 Resp: 181050

Ion Ratio Lower Upper

91 100

92 51.6 26.4 79.0

134 23.5 12.6 37.6



#90

Hexachloroethane

Concen: 18.719 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.000 min

Lab File: VN080139.D

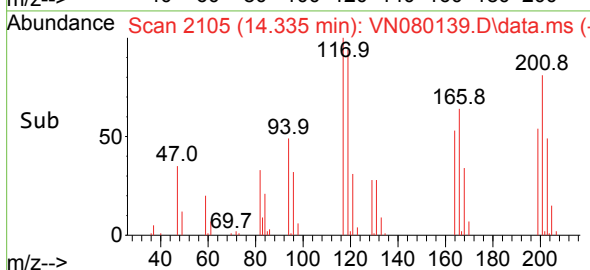
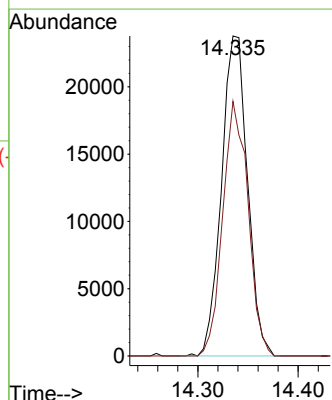
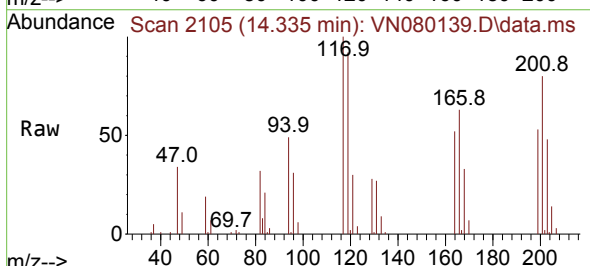
Acq: 16 Nov 2023 17:34

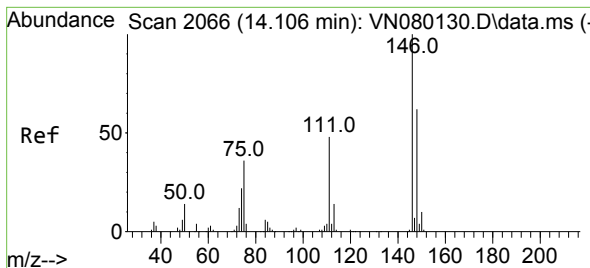
Tgt Ion: 117 Resp: 42871

Ion Ratio Lower Upper

117 100

201 77.3 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 18.610 ug/l

RT: 14.111 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

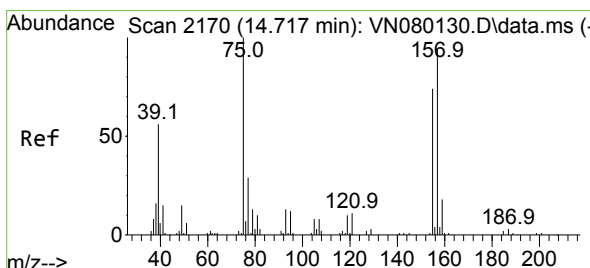
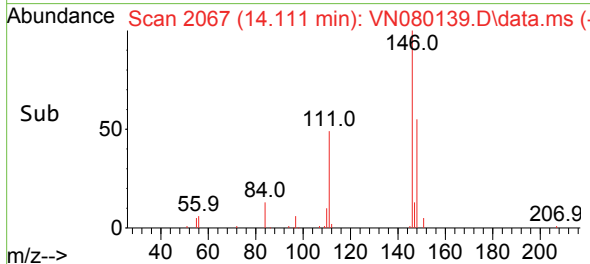
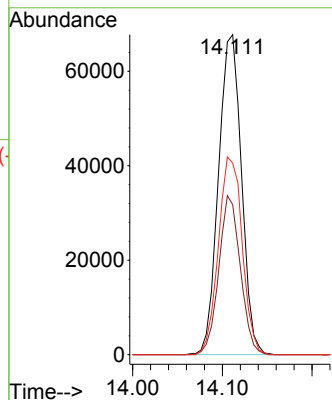
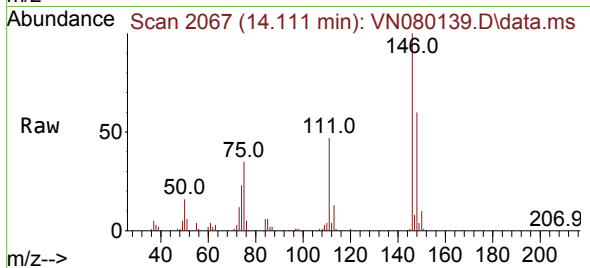
Tgt Ion:146 Resp: 120466

Ion Ratio Lower Upper

146 100

111 46.6 22.0 66.0

148 64.1 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.586 ug/l

RT: 14.723 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

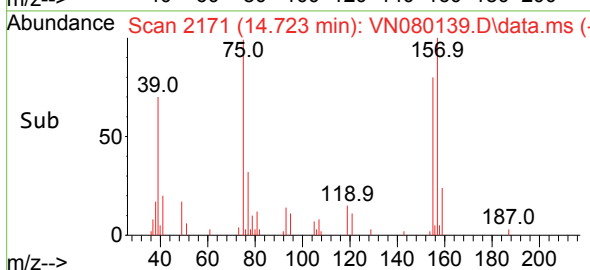
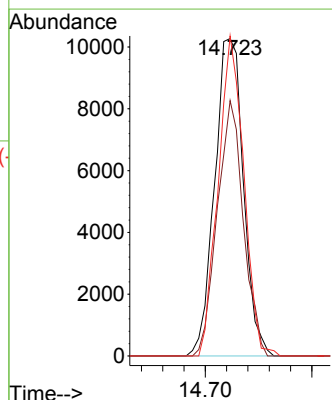
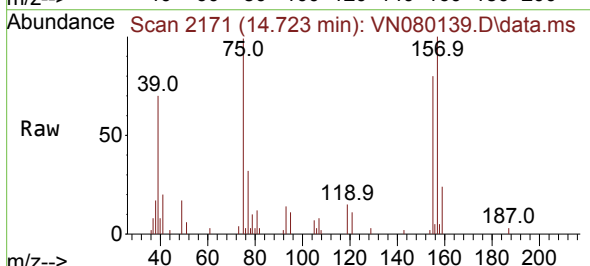
Tgt Ion: 75 Resp: 19241

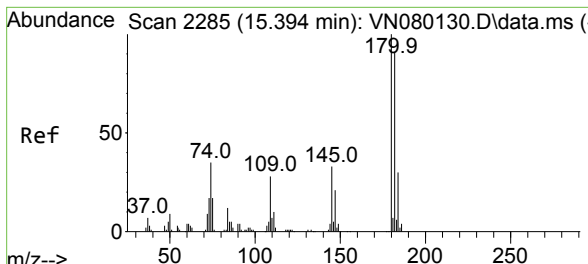
Ion Ratio Lower Upper

75 100

155 73.1 39.1 117.2

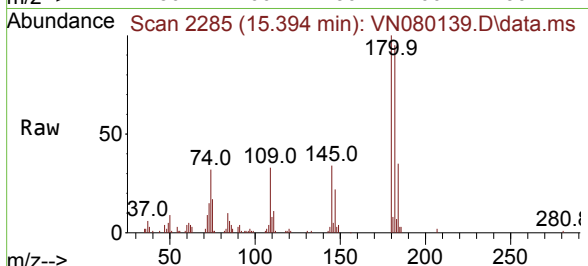
157 89.6 50.3 150.9



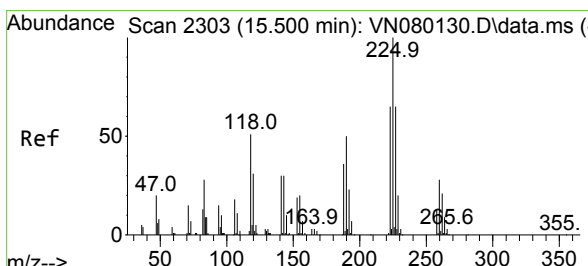
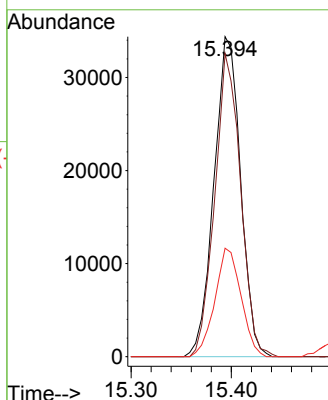
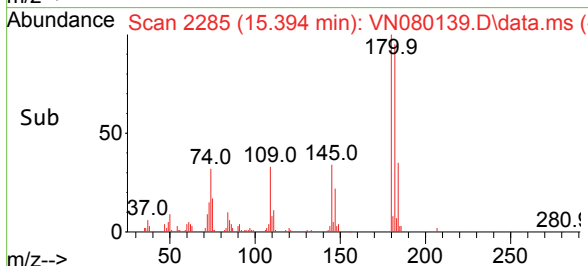


#93
 1,2,4-Trichlorobenzene
 Concen: 16.815 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN080139.D
 Acq: 16 Nov 2023 17:34

Instrument :
 MSVOA_N
 ClientSampleId :

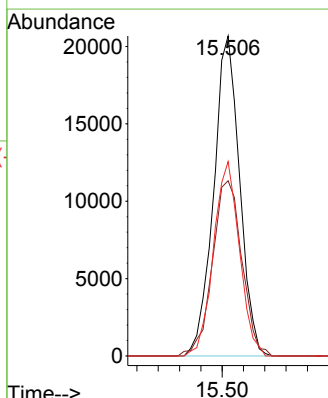
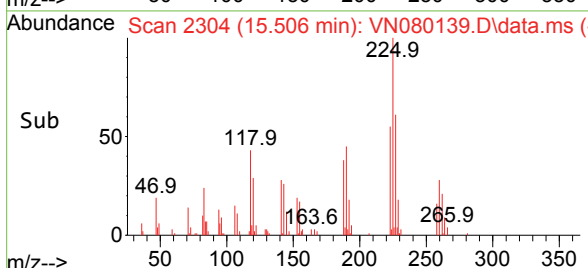
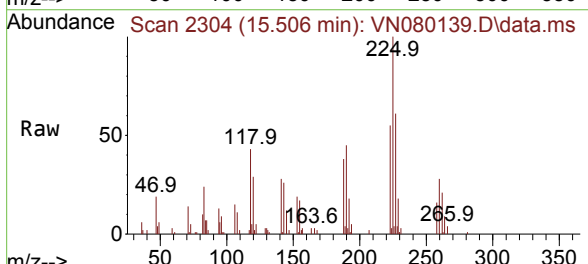


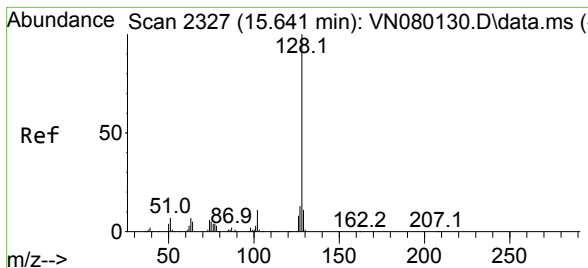
Tgt Ion:	180	Resp:	63304
Ion Ratio	Lower	Upper	
180	100		
182	91.8	46.1	138.2
145	33.3	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 16.158 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.005 min
 Lab File: VN080139.D
 Acq: 16 Nov 2023 17:34

Tgt Ion:	225	Resp:	35008
Ion Ratio	Lower	Upper	
225	100		
223	62.0	31.3	93.8
227	60.5	31.9	95.9





#95

Naphthalene

Concen: 16.151 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Instrument :

MSVOA_N

ClientSampleId :

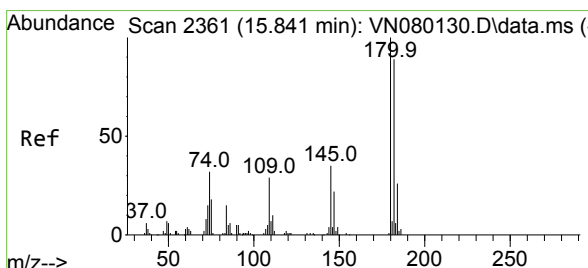
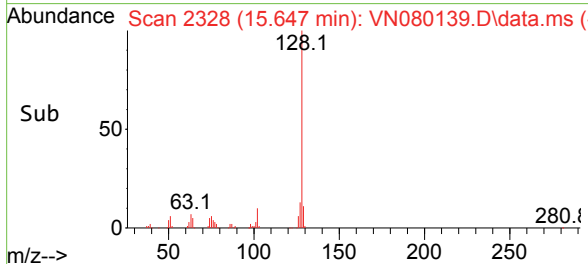
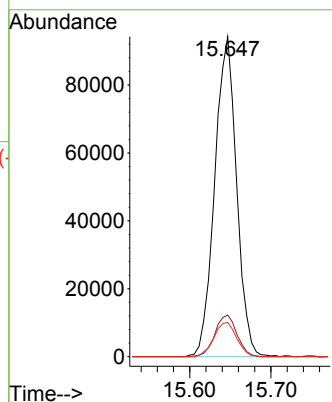
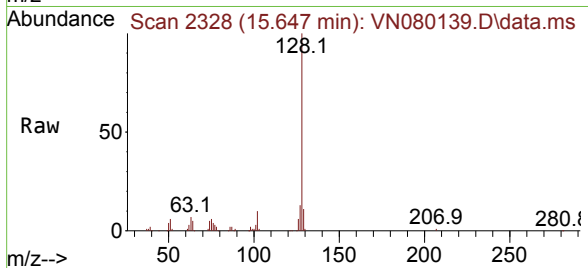
Tgt Ion:128 Resp: 176330

Ion Ratio Lower Upper

128 100

127 13.1 10.0 15.0

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 16.832 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.006 min

Lab File: VN080139.D

Acq: 16 Nov 2023 17:34

Tgt Ion:180 Resp: 59399

Ion Ratio Lower Upper

180 100

182 99.8 46.2 138.6

145 35.6 17.5 52.6

